

**Appendix II**  
**Source Data and Recommendations of Quality Control Working Group for Additives Scheduled for Discussion by the 35<sup>th</sup> CCFAC**  
~~Strikeout~~ = recommended deletion; **Bold** = recommended change or addition

**Aluminium Ammonium Sulphate**

**INS:** 523

**Functional Effects:** Firming Agent, Raising Agent, Stabilizer

<b>Food Cat. No.</b>	<b>Food/Food Category in Which Used</b>	<b>Max Level</b>	<b>Source</b>	<b>Notes</b>	<b>Step</b>
04.2.2.7	Fermented vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), & seaweed products	GMP	PRChina	Note 6	3
06.2	Flours & starches	GMP	Canada(step 6); Indonesia (step 3)	Notes 6 & 26	6
07.1.2	Crackers, excluding sweet crackers	10000 mg/kg	Japan	Note 29	3
07.1.3	Other ordinary bakery products (e.g., bagels, pita, English muffins)	10000 mg/kg	Japan	Note 29	3
07.1.4	Bread-type products, including bread stuffing & bread crumbs	10000 mg/kg	Japan	Note 29	3
07.1.5	Steamed breads & buns	10000 mg/kg	Japan	Note 29	3
07.2	Fine bakery wares (sweet, salty, savoury)	GMP	PRChina	Note 6	3
12.2	Herbs, spices, seasoning (incl. salt substitutes), & condiments (e.g., seasoning for instant noodles)	GMP	PRChina	Note 6	3
15.1	Snacks – potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	GMP	PRChina	Note 6	3

**Ascorbyl Esters**

**INS:** 304, 305

**Functional Effects:** Antioxidant

<b>Food Cat. No.</b>	<b>Food/Food Category in Which Used</b>	<b>Max Level</b>	<b>Source</b>	<b>Notes</b>	<b>Step</b>
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	500 mg/kg	Uruguay	Note 10	6
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	200 mg/kg	EU(12.6 & 12.6.2)	Note 10	(2001)
13.4	Dietetic formulae for slimming purposes & weight reduction	GMP	ISDI	Note 10	3
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excl. prods. of 13.1 – 13.4	GMP	ISDI	Nots 10	3

**Beeswax, White and Yellow**

**INS:** 901

**Functional Effects:** Bulking Agent, Glazing Agent, Release Agent, Stabilizer

<b>Food Cat. No.</b>	<b>Food/Food Category in Which Used</b>	<b>Max Level</b>	<b>Source</b>	<b>Notes</b>	<b>Step</b>
14.1.4	Water-based flavoured drinks, incl. “sport” or “electrolyte” drinks & particulated drinks	200 mg/kg	ISDC		6

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**Benzoates**

**INS:** 210 - 213

**Functional Effects:** Preservative

<b>Food Cat. No.</b>	<b>Food/Food Category in Which Used</b>	<b>Max Level</b>	<b>Source</b>	<b>Notes</b>	<b>Step</b>
04.1.2.4	Canned or bottled (pasteurized) fruit	800 mg/kg	Singapore	Note 13	6
04.1.2.5	Jams, jellies & marmelades	1500 mg/kg	Uruguay	Note 13	3
04.1.2.5	Jams, jellies & marmelades	1000 mg/kg	Bolivia(4.1); Australia, Canada, Codex, EU, Indonesia, PRChina, Uruguay & USA(4.1.2.5)	Note 13	(2001)
04.2.2.4	Canned or bottled (pasteurized) or retort pouch vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), & seaweeds	1000 mg/kg	Bolivia(4.2 & 4.2.2.4)	Note 13	6
05.1.1	Cocoa mixes (powders) & cocoa mass/cake	700 mg/kg	Singapore	Note 13	6
05.3	Chewing gum	1500 mg/kg	EU	Note 13	6
06.4.3	Pre-cooked pastas & noodles & like prods.	1000 mg/kg	Canada	Note 13	6
07.0	Bakery wares	1000 mg/kg	Canada	Note 13	6
08.2.1.2	Cured (incl. salted) & dried non-heat treated processed meat, poultry, & game prods. in whole pieces or cuts	GMP	EU	Notes 3 & 13	6
08.3.1.2	Cured (incl. salted) & dried non-heat treated processed comminuted meat, poultry, & game prods.	1000 mg/kg	Thailand	Note 13	6
08.3.2	Heat-treated processed comminuted meat, poultry, & game prods.	1000 mg/kg	Thailand	Note 13	3
09.2.5	Smoked, dried, fermented, and/or salted fish & fish prods., incl. mollusks, crustaceans, & echinoderms	200 mg/kg	EU	Note 13	6
12.5	Soups & broths	1000 mg/kg	Canada	Note 13	6
12.5	Soups & broths	500 mg/kg	EU(12.5 & 12.5.1)	Note 13	(2001)
14.1.1.2	Table waters & soda waters	200 mg/kg	PRChina	Note 13	6
14.1.2.1	Canned or bottled (pasteurized) fruit juice	2000 mg/kg	Bolivia, EU	Note 13	6
14.1.2.2	Canned or bottled (pasteurized) vegetable juice	2000 mg/kg	Bolivia	Note 13	6
14.1.2.3	Concentrate (liquid or solid) for fruit juice	2000 mg/kg	Australia	Note 13	6
14.1.2.4	Concentrate (liquid or solid) for vegetable juice	1400 mg/kg	Australia	Note 13	6
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	2000 mg/kg	Bolivia	Note 13	6
14.1.3.2	Canned or bottled (pasteurized) vegetable nectar	2000 mg/kg	Bolivia	Note 13	6
14.1.3.3	Concentrate (liquid or solid) for fruit nectar	1000 mg/kg	Japan & Thailand(step 6); Uruguay(step 3)	Note 13	6
14.1.3.4	Concentrate (liquid or solid) for vegetable nectar	500 mg/kg	EU, Thailand	Note 13	6
14.1.4	Water-based flavoured drinks, incl. "sport" or "electrolyte" drinks & particulated drinks	1000 mg/kg	Canada(14.1.4-step 6); USA, Uruguay, GMA & NFPA (step 3); ILSI(14.1.4.1, 14.1.4.2 & 14.1.4.3-ffb-step 6);	Note 13	6

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
			Thailand & PRChina (14.1.4.3-step 6)		
14.1.5	Coffee, coffee substitutes, tea, herbal infusions, & other hot cereal & grain beverages, excl. cocoa	1000 mg/kg	Uruguay	Note 13	3
14.1.5	Coffee, coffee substitutes, tea, herbal infusions, & other hot cereal & grain beverages, excl. cocoa	600 mg/kg	Japan, Thailand	Note 13	8
14.2.2	Cider & perry	1000 mg/kg	USA	Note 13	6
14.2.5	Mead	1000 mg/kg	USA	Note 13	6
15.1	Snacks – potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	1000 mg/kg	Canada(step 6); USA & NFPA (step 3)	Note 13	6
16.0	Composite foods – foods that could not be placed in 01 – 15	1000 mg/kg	Canada	Note 13	6

**BHA**

INS: 320

**Functional Effects:** Antioxidant

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
<del>01.3.2</del>	<del>Beverage whiteners</del>	<del>400 mg/kg</del>	<del>EU</del>		<del>6</del>
01.3.3	Sweetened condensed milk (plain & flavoured), & analogues	200 mg/kg	Thailand(step 3 & 6)	Note 88	6
01.5.1	Milk powder & cream powder (plain)	200 mg/kg	EU, FIL-IDF	Note 15	6
<del>01.5.2</del>	<del>Milk &amp; cream powder analogues</del>	<del>400 mg/kg</del>	<del>EU</del>		<del>6</del>
01.7	Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)	2 mg/kg	USA		6
<del>02.0</del>	<del>Fats &amp; oils, &amp; fat emulsions (type water in oil)</del>	<del>200 mg/kg</del>	<del>USA(2.0 &amp; 2.2.1.2); Bolivia(2.1); Australia(2.1, 2.1.2, 2.1.3, 2.2.1.2 &amp; 2.2.2); EU &amp; IFMA(2.1 &amp; 2.1.3); Thailand(2.1.1); Japan(2.1 &amp; 2.2.1.1); Korea(2.1, 2.2.1.1 &amp; 2.3); Singapore(2.1 &amp; 2.2.1.2); Canada(2.1.2 &amp; 2.1.3)</del>	<del>Note 15</del>	<del>6</del>
<b>02.1</b>	<b>Fats &amp; oils essentially free from water</b>	<b>200 mg/kg</b>	<b>USA(2.0); Australia(2.1, 2.1.2 &amp; 2.1.3); EU &amp; IFMA(2.1 &amp; 2.1.3); Bolivia, Japan, Korea &amp; Singapore(2.1); Canada(2.1.2 &amp; 2.1.3)</b>	<b>Note 15</b>	<b>6</b>
<b>02.2.1.1</b>	<b>Butter &amp; concentrated butter</b>	<b>200 mg/kg</b>	<b>USA(2.0); Japan &amp; Korea(2.2.1.1)</b>	<b>Note 15</b>	<b>6</b>
<b>02.2.1.2</b>	<b>Margarine &amp; similar products (e.g., butter-margarine blends)</b>	<b>500 mg/kg</b>	<b>Korea</b>		<b>6</b>
<b>02.2.2</b>	<b>Emulsions containing less than 80% fat (e.g., minarine)</b>	<b>200 mg/kg</b>	<b>USA(2.0); Australia(2.2.2)</b>	<b>Note 15</b>	<b>6</b>
<b>02.3</b>	<b>Fat emulsions other than 02.2, incl. mixed and/or flavoured prods. based on fat emulsions</b>	<b>200 mg/kg</b>	<b>USA(2.0); Korea(2.3)</b>	<b>Note 15</b>	<b>6</b>
<b>02.4</b>	<b>Fat-based desserts excl. dairy-based dessert prods. of 01.7</b>	<b>200 mg/kg</b>	<b>USA(2.0)</b>	<b>Note 15</b>	<b>6</b>
03.0	Edible ices, incl. sherbet & sorbet	200 mg/kg	Brazil	Note 15	6

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
04.1.2.2	Dried fruit	200 mg/kg	Uruguay		6
<del>04.1.2.6</del>	<del>Fruit based spreads (e.g., chutney) excl. prods. of 04.1.2.5</del>	<del>100 mg/kg</del>	<del>EU</del>		<del>6</del>
04.1.2.7	Candied fruit	32 mg/kg	USA		6
04.1.2.9	Fruit-based desserts, incl. fruit-flavoured water-based desserts	2 mg/kg	USA		6
04.1.2.12	Cooked or fried fruit	100 mg/kg	Thailand		6
04.2.2.2	Dried vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	200 mg/kg	Japan	Note 76	6
04.2.2.5	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweed, & nut & seed purees & spreads (e.g., peanut butter)	200 mg/kg	USA	Note 15	6
<del>05.1.1</del>	<del>Cocoa mixes (powders) &amp; cocoa mass/cake</del>	<del>100 mg/kg</del>	<del>EU</del>		<del>6</del>
<b>05.1.1</b>	<b>Cocoa mixes (powders) &amp; cocoa mass/cake</b>	<b>90 mg/kg</b>	<b>Canada</b>		<b>6</b>
<del>05.1.3</del>	<del>Cocoa based spreads, incl. fillings</del>	<del>100 mg/kg</del>	<del>EU</del>		<del>6</del>
05.1.4	Cococa & chocolate prods.	200 mg/kg	USA, CAOBISCO	Note 15	6
05.1.5	Imitation chocolate, chocolate substitute prods.	200 mg/kg	USA	Note 15	6
05.2	Confectionery incl. hard & soft candy, nougat, etc. other than 05.1, 05.3 & 05.4	200 mg/kg	USA	Note 15	6
05.3	Chewing gum	750 mg/kg	Korea		6
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) & sweet sauces	200 mg/kg	USA	Note 15	6
06.1	Whole, borken, or flaked grain, incl. rice	100 mg/kg	PRChina		6
06.3	Breakfast cereals, incl. rolled oats	200 mg/kg	EU	Note 15	6
06.4.3	Pre-cooked pastas & noodles & like prods.	200 mg/kg	Thailand		3
06.4.3	Pre-cooked pastas & noodles & like prods.	100 mg/kg	PRChina		6
06.5	Cereal & starch based desserts (e.g., rice pudding, tapioca pudding)	2 mg/kg	USA		6
07.0	Bakery wares	200 mg/kg	CAOBISCO(7.0); EU(7.2.3)	Note 15	6
08.1	Fresh meat, poultry, & game	100 mg/kg	USA(8.1.1 & 8.1.2)	Note 15	6
08.2	Processed meat, poultry, & game prods. in whole pieces or cuts	200 mg/kg	EU(8.2 & 8.2.1.2)	Note 15	6
08.3	Processed comminuted meat, poultry, & game prods.	200 mg/kg	EU	Note 15	6
09.2.1	Frozen fish, fish fillets, & fish prods, incl. mollusks, curstaceans, & echinoderms	1000 mg/kg	Korea(9.2.1); Japan & USA(9.2.1-nff)		6
09.2.2	Frozen battered fish, fish fillets, & fish prods, incl. mollusks, crustaceans, & echinoderms	200 mg/kg	USA	Note 15	6
09.2.5	Smoked, dried, fermented, and/or salted fish & fihs prods., inlc. mollusks, crustaceans, & echinoderms	200 mg/kg	Japan, Korea		6
<del>09.3</del>	<del>Semo-preserved fish &amp; fish prods., incl. mollusks, crustaceans, &amp; echinoderms</del>	<del>200 mg/kg</del>	<del>EU</del>		<del>6</del>
<del>09.4</del>	<del>Fully preserved, incl. canned or fermented fish &amp; fish prods, incl. mollusks, crustaceans, &amp; echinoderms</del>	<del>200 mg/kg</del>	<del>EU</del>		<del>6</del>
10.4	Egg-based desserts (e.g., custard)	2 mg/kg	USA		6
11.4	Other sugars & syrups (e.g., xylose, maple sugar, sugar toppings)	20 mg/kg	Thailand		6

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
12.2	Herbs, spices, seasonings (incl. salt substitutes), & condiments (e.g., seasoning for instant noodles)	200 mg/kg	EU, USA	Note 15	6
<del>12.4</del>	<del>Mustards</del>	<del>200 mg/kg</del>	<del>EU</del>		<del>6</del>
<b>12.5</b>	<b>Soups &amp; broths</b>	<b>200 mg/kg</b>	<b>EU(12.5 &amp; 12.5.2); USA(12.5)</b>	<b>Note 15</b>	<b>6</b>
<del>12.5.1</del>	<del>Ready-to-eat soups &amp; broths, incl. canned, bottled, &amp; frozen</del>	<del>200 mg/kg</del>	<del>EU &amp; USA(12.5)</del>	<del>Note 15</del>	<del>6</del>
<del>12.5.2</del>	<del>Mixes for soups &amp; broths</del>	<del>300 mg/kg</del>	<del>EU</del>	<del>Note 15</del>	<del>6</del>
<b>12.5.2</b>	<b>Mixes for soups &amp; broths</b>	<b>200 mg/kg</b>	<b>EU</b>	<b>Note 15</b>	<b>6</b>
12.6	Sauces & like prods.	200 mg/kg	EU(12.6 & 12.6.2); USA(12.6)	Note 15	6
<del>12.7</del>	<del>Salads (e.g., macaroni salad, potato salad) &amp; sandwich spreads excl. cocoa &amp; nut-based spreads of 04.2.2.5 &amp; 05.1.3</del>	<del>200 mg/kg</del>	<del>EU</del>		<del>6</del>
12.8	Yeast & like prods.	1000 mg/kg	Canada, USA		6
13.6	Food supplements	400 mg/kg	EU(step 6); ISDI(step 3)		6
14.1.4	Water-based flavoured drinks, incl. “sport” or “electrolyte” drinks & particulated drinks	1000 mg/kg	ILSI(14.1.4.1, 14.1.4.2 & 14.1.4.3-ffb); Mexico(14.1.4)	Note 15	6
15.1	Snacks – potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	200 mg/kg	EU	Note 15	6
15.2	Processed nuts, incl. covered nuts & nut mixtures (with e.g., dried fruit)	200 mg/kg	Canada, EU	Note 15	6

**BHT**

**INS:** 321

**Functional Effects:** Antioxidant

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
<del>01.3.2</del>	<del>Beverage whiteners</del>	<del>100 mg/kg</del>	<del>EU</del>		<del>6</del>
01.3.3	Sweetened condensed milk (plain & flavoured), & analogues	200 mg/kg	Thailand(step 3 & 6)	Note 88	6
<del>01.5.1</del>	<del>Milk powder &amp; cream powder (plain)</del>	<del>200 mg/kg</del>	<del>FIL IDF</del>	<del>Note 15</del>	<del>6</del>
<del>01.5.2</del>	<del>Milk &amp; cream powder analogues</del>	<del>100 mg/kg</del>	<del>EU</del>		<del>6</del>
01.7	Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)	90 mg/kg	Canada	Note 2	6
02.1	Fats & oils essentially free from water	200 mg/kg	USA(2.0); EU & IFMA(2.1 & 2.1.3); Canada (2.1.2 & 2.1.3) ; Bolivia, Japan, Korea, PRChina & Singapore(2.1)	Note 15	6
02.2.1.1	Butter & concentrated butter	200 mg/kg	USA(2.0); Japan & Korea(2.2.1.1)	Note 15	6
02.2.1.2	Margarine & similar products (e.g., butter-margarine blends)	500 mg/kg	Thailand, Korea		6
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	200 mg/kg	USA(2.0)	Note 15	6
02.3	Fat emulsions other than 02.2, incl. mixed and/or flavoured prods. based on fat emulsions	200 mg/kg	USA(2.0); Korea(2.3)	Note 15	6

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02.4	Fat-based desserts excl. dairy-based dessert prods. of 01.7	200 mg/kg	USA(2.0)	Note 15	6
03.0	Edible ices, incl. sherbet & sorbet	100 mg/kg	Brazil	Note 15	6
<del>04.1.2.2</del>	<del>Dried fruit</del>	<del>100 mg/kg</del>	EU		<del>6</del>
<del>04.1.2.6</del>	<del>Fruit based spreads (e.g., chutney) excl. prods. of 04.1.2.5</del>	<del>100 mg/kg</del>	EU		<del>6</del>
04.1.2.9	Fruit-based desserts, incl. fruit-flavoured water-based desserts	90 mg/kg	Canada	Note 2	6
04.1.2.12	Cooked or fried fruit	100 mg/kg	Thailand		6
04.2.2.2	Dried vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	200 mg/kg	Japan	Note 76	6
04.2.2.5	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweed, & nut & seed purees & spreads (e.g., peanut butter)	200 mg/kg	USA	Note 15	6
05.1.1	Cocoa mixes (powders) & cocoa mass/cake	90 mg/kg	Canada		6
05.1.4	Cococa & chocolate prods.	200 mg/kg	USA, CAOBISCO	Note 15	6
05.1.5	Imitation chocolate, chocolate substitute prods.	200 mg/kg	USA	Note 15	6
05.2	Confectionery incl. hard & soft candy, nougat, etc. other than 05.1, 05.3 & 05.4	200 mg/kg	USA	Note 15	6
05.3	Chewing gum	750 mg/kg	Japan, Korea		6
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) & sweet sauces	200 mg/kg	USA	Note 15	6
06.1	Whole, borken, or flaked grain, incl. rice	100 mg/kg	PRChina		6
06.3	Breakfast cereals, incl. rolled oats	50 mg/kg	Canada, USA		6
06.4.3	Pre-cooked pastas & noodles & like prods.	200 mg/kg	PRChina		6
06.5	Cereal & starch based desserts (e.g., rice pudding, tapioca pudding)	90 mg/kg	Canada	Note 2	6
07.0	Bakery wares	200 mg/kg	CAOBISCO(7.0); PRChina(7.1.3)	Note 15	6
08.1	Fresh meat, poultry, & game	100 mg/kg	USA(8.1.1 & 8.1.2)	Note 15	6
08.2	Processed meat, poultry, & game prods. in whole pieces or cuts	100 mg/kg	USA(8.2 & 8.2.1.2)	Note 15	6
08.3	Processed comminuted meat, poultry, & game prods.	100 mg/kg	USA(8.3, 8.3.1.1 & 8.3.2)	Note 15	6
09.2.1	Frozen fish, fish fillets, & fish prods, incl. mollusks, curstaceans, & echinoderms	1000 mg/kg	Korea(9.2.1); Japan & USA(9.2.1-nff)		6
09.2.2	Frozen battered fish, fish fillets, & fish prods, incl. mollusks, crustaceans, & echinoderms	200 mg/kg	USA	Note 15	6
09.2.5	Smoked, dried, fermented, and/or salted fish & fihs prods., inlc. mollusks, crustaceans, & echinoderms	200 mg/kg	Japan, Korea, PRChina		6
<del>09.3</del>	<del>Semo-preserved fish &amp; fish prods., incl. mollusks, crustaceans, &amp; echinoderms</del>	<del>100 mg/kg</del>	EU		<del>6</del>
<del>09.4</del>	<del>Fully preserved, incl. canned or fermented fisn &amp; fish prods, incl. mollusks, crustaceans, &amp; echinoderms</del>	<del>100 mg/kg</del>	EU		<del>6</del>
10.4	Egg-based desserts (e.g., custard)	90 mg/kg	Canada	Note 2	6
11.4	Other sugars & syrups (e.g., xylose, maple sugar, sugar toppings)	20 mg/kg	Thailand		6
12.2	Herbs, spices, seasonings (incl. salt substitutes), & condiments (e.g., seasoning for instant noodles)	200 mg/kg	USA	Note 15	6

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<del>12.4</del>	<del>Mustards</del>	<del>100 mg/kg</del>	<del>EU</del>		<del>6</del>
12.5	Soups & broths	200 mg/kg	USA	Note 15	6
12.6	Sauces & like prods.	200 mg/kg	USA	Note 15	6
<del>12.7</del>	<del>Salads (e.g., macaroni salad, potato salad) &amp; sandwich spreads excl. cocoa &amp; nut-based spreads of 04.2.2.5 &amp; 05.1.3</del>	<del>100 mg/kg</del>	<del>EU</del>		<del>6</del>
<del>12.8</del>	<del>Yeast &amp; like prods.</del>	<del>100 mg/kg</del>	<del>EU</del>		<del>6</del>
13.6	Food supplements	400 mg/kg	EU(step 6); ISDI(step 3)		6
14.1.4	Water-based flavoured drinks, incl. “sport” or “electrolyte” drinks & particulated drinks	1000 mg/kg	ILSI(14.1.4.1, 14.1.4.2 & 14.1.4.3-ffb); Mexico(14.1.4)	Note 15	6
15.0	Ready-to-eat savouries	200 mg/kg	USA(15.0); Canada(15.2)	Note 15	6

**Brilliant Blue FCF**

**INS:** 133

**Functional Effects:** Colour

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks)	150 mg/kg	EU, SAfrica, Thailand, FIL-IDF		6
01.6.1	Unripened cheese	GMP	EU	Note 3	6
01.6.2.2	Rind of ripened cheese	100 mg/kg	Brazil, SAfrica		6
01.6.3	Whey cheese	GMP	EU	Note 3	6
01.6.4	Processed cheese	200 mg/kg	SAfrica(1.6.4.1 & 1.6.4.2)		6
01.6.5	Cheese analogues	GMP	EU	Note 3	6
01.7	Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)	150 mg/kg	EU, SAfrica, FIL-IDF		6
02.1.3	Lard, tallow, fish oil, & other animal fats	GMP	USA		6
02.2.1.1	Butter & concentrated butter	100 mg/kg	Canada		6
02.2.1.2	Margarine & similar prods. (e.g., butter-margarine blends)	GMP	USA		6
<b>02.3</b>	<b>Fat emulsions other than 02.2, incl. mixed and/or flavoured prods. based on fat emulsions</b>	<b>100 mg/kg</b>	<b>ICGMA</b>		<b>6</b>
02.4	Fat-based desserts excl. dairy-based prods. of 01.7	150 mg/kg	EU, SAfrica		6
03.0	Edible ices, incl. sherbet & sorbet	150 mg/kg	EU, SAfrica		6
04.1.1.2	Surface-treated fresh fruit	500 mg/kg	EU	Note 16	6
04.1.2.4	Canned or bottled (pasteurized) fruit	200 mg/kg	EU & SAfrica(step 6); Indonesia(step 3)		6
04.1.2.5	Jams, jellies, & marmelades	500 mg/kg	SAfrica		6
04.1.2.6	Fruit-based spreads (e.g., chutney) excl. prods. of 04.1.2.5	500 mg/kg	EU, SAfrica		6
04.1.2.7	Candied fruit	200 mg/kg	EU, SAfrica		6

**Appendix II**  
**Source Data and Recommendations of Quality Control Working Group for Additives Scheduled for Discussion by the 35<sup>th</sup> CCFAC**  
~~Strikeout~~ = recommended deletion; **Bold** = recommended change or addition

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
04.1.2.8	Fruit preparations, incl. pulp, purees, fruit toppings & coconut milk	500 mg/kg	EU		6
04.1.2.9	Fruit-based desserts, incl. fruit-flavoured water-based desserts	150 mg/kg	EU, SAfrica		6
04.1.2.11	Fruit fillings for pastries	250 mg/kg	Agrilink [Brazil@100]		6
04.2.1.2	Surface-treated fresh vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	500 mg/kg	EU	Note 16	6
04.2.2.3	Vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera) & seaweeds in vinegar, oil, brine, or soy sauce	500 mg/kg	EU		6
04.2.2.4	Canned or bottled (pasteurized) or retort pouch vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), & seaweeds	200 mg/kg	Codex & SAfrica(step 6); Indonesia(step 3)		6
04.2.2.6	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweed, & nut & seed pulps & preps. (e.g., vegetable desserts etc.) other than 04.2.2.5	200 mg/kg	EU		6
<del>05.1</del>	<del>Cocoa prods. &amp; chocolate prods. incl. imitations &amp; chocolate substitutes</del>	<del>300 mg/kg</del>	<del>EU(5.0); NFPA(5.1.4 &amp; 5.1.5(step 3))</del>		<del>6</del>
<b>05.1.3</b>	<b>Cocoa-based spreads, incl. fillings</b>	<b>100 mg/kg</b>	<b>Brazil</b>		<b>6</b>
<b>05.1.4</b>	<b>Cocoa &amp; chocolate prods.</b>	<b>300 mg/kg</b>	<b>NFPA</b>		<b>3</b>
<b>05.1.4</b>	<b>Cocoa &amp; chocolate prods.</b>	<b>100 mg/kg</b>	<b>ICGMA, K&amp;H</b>		<b>6</b>
<b>05.1.5</b>	<b>Imitation chocolate, chocolate substitute prods.</b>	<b>300 mg/kg</b>	<b>NFPA</b>		<b>3</b>
<b>05.1.5</b>	<b>Imitation chocolate, chocolate substitute prods.</b>	<b>100 mg/kg</b>	<b>ICGMA, K&amp;H</b>		<b>6</b>
05.2	Confectionery incl. hard & soft candy, nougat, etc. other than 05.1, 05.3 & 05.4	300 mg/kg	EU & SAfrica(step 6) ; NFPA(step 3)		6
05.3	Chewing gum	300 mg/kg	EU & IFCGA(step 6); NFPA(step 3)		6
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) & sweet sauces	500 mg/kg	EU, SAfrica		6
06.3	Breakfast cereals, incl. rolled oats	200 mg/kg	SAfrica		6
06.5	Cereal & starch based desserts (e.g., rice pudding, tapioca pudding)	150 mg/kg	EU, SAfrica		6
07.1	Bread & ordinary bakery wares	100 mg/kg	Canada(7.0 & 7.1.1)		6
07.2	Fine bakery wares (sweet, salty, savoury)	200 mg/kg	EU, SAfrica		6
08.0	Meat & meat prods., incl. poultry & game	500 mg/kg	EU(8.0 & 8.3)	Note 16	6
09.1.1	Fresh fish	300 mg/kg	EU	Note 50	6
09.1.2	Fresh mollusks, crustaceans, & echinoderms	500 mg/kg	EU(9.0)	Note 16	6
09.2.1	Frozen fish, fish fillets, & fish prods., incl. mollusks, crustaceans, & echinoderms	500 mg/kg	EU	Note 95	6
09.2.2	Frozen battered fish, fish fillets, & fish prods., incl. mollusks, crustaceans, & echinoderms	500 mg/kg	EU(9.0)	Note 16	6
09.2.3	Frozen minced & creamed fish prods., incl. mollusks, crustaceans, & echinoderms	500 mg/kg	EU(9.0)	Note 16	6
09.2.4.1	Cooked fish & fish prods.	500 mg/kg	EU		6
09.2.4.2	Cooked mollusks, crustaceans, & echinoderms	250 mg/kg	EU		6
09.2.4.3	Fried fish & fish prods., incl. mollusks, crustaceans & echinoderms	500 mg/kg	EU(9.0)	Note 16	6
09.2.5	Smoked, dried, fermented, and/or salted fish & fish prods., incl. mollusks, crustaceans, & echinoderms	500 mg/kg	EU, SAfrica	Note 22	6



**Appendix II**  
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<b>Food Cat. No.</b>	<b>Food/Food Category in Which Used</b>	<b>Max Level</b>	<b>Source</b>	<b>Notes</b>	<b>Step</b>
09.3.1	Fish & fish prods., incl. mollusks, crustaceans, & echinoderms, marinated and/or in jelly	500 mg/kg	EU(9.0)	Note 16	6
09.3.2	Fish & fish prods., incl. mollusks, crustaceans, & echinoderms, pickled and/or in brine	500 mg/kg	EU(9.0)	Note 16	6
09.3.3	Salmon substitutes, caviar, & other fish roe prods.	500 mg/kg	EU, SAfrica		6
09.3.4	Semi-preserved fish & fish prods., incl. mollusks, crustaceans, & echinoderms (e.g., fish paste), excl. prods. of 09.3.1 – 09.3.3	500 mg/kg	SAfrica		6
09.4	Fully preserved, incl. canned or fermented fish & fish prods., incl. mollusks, crustaceans, & echinoderms	500 mg/kg	EU, SAfrica		6
10.1	Fresh eggs	GMP	EU, SAfrica	Notes 3 & 4	6
10.4	Egg-based desserts (e.g., custard)	150 mg/kg	EU		6
11.1.2	Powdered sugar, powdered dextrose	100 mg/kg	Canada		6
12.2	Herbs, spices, seasonings (incl. salt substitutes)& condiments (e.g. seasoning for instant noodles)	500 mg/kg	EU, SAfrica		6
12.4	Mustards	300 mg/kg	EU		6
12.5	Soups & broths	300 mg/kg	SAfrica		6
12.6	Sauces & like prods.	500 mg/kg	EU(12.6 & 12.6.1-12.6.3); SAfrica(12.6)		6
12.9	Protein prods.	100 mg/kg	EU		6
13.3.1	Dietetic foods for special medical purposes intended for adults	50 mg/kg	EU & SAfrica(step 6); ISDI(step 3)		6
13.4	Dietetic formulae for slimming purposes & weight reduction	50 mg/kg	EU & SAfrica(step 6); ISDI(step 3)		6
13.5	Dietetic foods (e.g.,supplementary foods for dietary use) excl prods of 13.1–13.4	300 mg/kg	EU(step 6); ISDI(step 3)		6
13.6	Food supplements	300 mg/kg	EU(step 6); ISDI(step 3)		6
14.1.2.3	Concentrate (liquid or solid) for fruit juice	100 mg/kg	Canada		6
14.1.4	Water-based flavoured drinks, incl. “sport” or “electrolyte” drinks & particulated drinks	100 mg/kg	EU(14.1.4, 14.1.4.1 & 14.1.4.2); SAfrica, Thailand, CISDA, GMA & ICGMA(14.1.4) Brazil(14.1.4.1, 14.1.4.2 & 14.1.4.3-ffb)		6
14.2.1	Beer & malt beverages	GMP	USA		6
14.2.2	Cider & perry	200 mg/kg	EU		6
14.2.4	Wines (other than grape)	200 mg/kg	EU		6
14.2.6	Distilled spirituous beverages containing more than 15% alcohol	200 mg/kg	EU		6
14.2.7	Aromatized alcoholic beverages (e.g., beer, wine & spirituous cooler-type beverages, low alcoholic refreshers)	200 mg/kg	EU		6
15.1	Snacks – potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	200 mg/kg	EU, SAfrica		6
15.2	Processed nuts, incl. covered nuts & nut mixtures (with e.g., dried fruit)	100 mg/kg	EU, SAfrica		6
<del>16.0</del>	<del>Composite foods – foods that could not be placed in 01 - 15</del>	<del>500 mg/kg</del>	<del>EU</del>		6
<b>16.0</b>	<b>Composite foods – foods that could not be placed in 01 - 15</b>	<b>100 mg/kg</b>	<b>Canada</b>	<b>Note 2</b>	<b>6</b>

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**Candelilla Wax**

**INS:** 902

**Functional Effects:** Bulking Agent, Carrier Solvent, Glazing Agent, Release Agent

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
14.1.4	Water-based flavoured drinks, incl. “sport” or “electrolyte” drinks & particulated drinks	200 mg/kg	ISDC		6

**Carmines**

**INS:** 120

**Functional Effects:** Colour

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks)	150 mg/kg	FIL-IDF		6
01.6.1	Unripened cheese	GMP	EU	Note 3	6
01.6.2.1	Total ripened cheese, incl. rind	125 mg/kg	EU		6
01.6.2.2	Rind of ripened cheese	GMP	Brazil, EU		6
01.6.3	Whey cheese	GMP	EU	Note 3	6
01.6.4.2	Flavoured processed cheese, incl. containing fruit, vegetables, meat, etc.	100 mg/kg	EU, FIL-IDF		6
01.6.5	Cheese analogues	GMP	EU	Note 3	6
01.7	Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)	150 mg/kg	EU, FIL-IDF		6
02.1	Fats & oils essentially free from water	500 mg/kg	Brazil		3
<del>02.1</del>	<del>Fats &amp; oils essentially free from water</del>	<del>GMP</del>	<del>Brazil(2.0 &amp; 2.1.2); USA(2.1.2)</del>		<del>6</del>
<b>02.1.3</b>	<b>Lard, tallow, fish oil, and other animal fats</b>	<b>GMP</b>	<b>USA</b>		<b>6</b>
02.2	Fat emulsions mainly of type water-in-oil	500 mg/kg	Brazil		3
<del>02.2</del>	<del>Fat emulsions mainly of type water in oil</del>	<del>GMP</del>	<del>Brazil(2.0, 2.2.1.1 &amp; 2.2.1.2); Canada(2.2.1.2)</del>		<del>6</del>
<b>02.2.1.2</b>	<b>Margarine &amp; similar prods. (e.g., butter-margarine blends)</b>	<b>GMP</b>	<b>Canada, USA</b>		<b>6</b>
02.3	Fat emulsions other than 02.2, incl. mixed and/or flavoured prods. based on fat emulsions	500 mg/kg	Brazil		6
02.4	Fat-based desserts excl. dairy-based prods. of 01.7	150 mg/kg	EU		6
03.0	Edible ices, incl sherbet & sorbet	150 mg/kg	EU		6
04.1.1.2	Surface-treated fresh fruit	500 mg/kg	EU	Note 16	6
04.1.2.4	Canned or bottled (pasteurized) fruit	200 mg/kg	EU		6
04.1.2.5	Jams, jellies, & marmelades	500 mg/kg	Brazil, EU		6
04.1.2.6	Fruit-based spreads (e.g., chutney) excl. prods. of 04.1.2.5	500 mg/kg	EU		6
<del>04.1.2.7</del>	<del>Candied fruit</del>	<del>300 mg/kg</del>	<del>EU</del>		<del>6</del>
<b>04.1.2.7</b>	<b>Candied fruit</b>	<b>200 mg/kg</b>	<b>EU</b>		<b>6</b>
04.1.2.8	Fruit preparations, incl. pulp, purees, fruit toppings & coconut milk	500 mg/kg	EU		6

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
04.1.2.9	Fruit-based desserts, incl. fruit-flavoured water-based desserts	150 mg/kg	EU		6
04.1.2.11	Fruit fillings for pastries	500 mg/kg	Brazil(step 6); NATCOL(step3)		6
04.2.1.2	Surface-treated fresh vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	500 mg/kg	EU	Note 16	6
04.2.2.3	Vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera) & seaweeds in vinegar, oil, brine, or soy sauce	500 mg/kg	EU		6
04.2.2.5	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweed, & nuts & seed purees & spreads (e.g., peanut butter)	100 mg/kg	EU		6
<del>04.2.2.6</del>	<del>Vegetable (incl. mushrooms &amp; fungi, roots &amp; tubers, pulses &amp; legumes [(incl. soybeans)], &amp; aloe vera), seaweed, &amp; nut &amp; seed pulps &amp; preps. (e.g., vegetable desserts etc.) other than 04.2.2.5</del>	<del>300 mg/kg</del>	<del>EU</del>		<del>6</del>
<b>04.2.2.6</b>	<b>Vegetable (incl. mushrooms &amp; fungi, roots &amp; tubers, pulses &amp; legumes [(incl. soybeans)], &amp; aloe vera), seaweed, &amp; nut &amp; seed pulps &amp; preps. (e.g., vegetable desserts etc.) other than 04.2.2.5</b>	<b>200 mg/kg</b>	<b>EU</b>		<b>6</b>
05.1	Cocoa prods. & chocolate prods. incl. imitations & chocolate substitutes	300 mg/kg	EU		6
05.2	Confectionery incl. hard & soft candy, nougat, etc. other than 05.1, 05.3 & 05.4	300 mg/kg	EU		6
05.3	Chewing gum	1020 mg/kg	IFCGA		6
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) & sweet sauces	500 mg/kg	EU		6
06.3	Breakfast cereals, incl. rolled oats	200 mg/kg	EU		6
06.4.2	Dried pastas & noodles & like prods.	100 mg/kg	NATCOL		3
06.4.3	Pre-cooked pastas & noodles & like prods.	100 mg/kg	NATCOL		3
06.5	Cereal & starch based desserts (e.g., rice pudding, tapioca pudding)	150 mg/kg	EU		6
<del>06.6</del>	<del>Batters (e.g., breading or batters for fish or poultry)</del>	<del>GMP</del>	<del>Brazil</del>		<del>6</del>
<b>06.6</b>	<b>Batters (e.g., breading or batters for fish or poultry)</b>	<b>500 mg/kg</b>	<b>Brazil</b>		<b>6</b>
<del>07.1</del>	<del>Bread &amp; ordinary bakery wares</del>	<del>GMP</del>	<del>Canada(7.0); Brazil(7.1.4)</del>		<del>6</del>
<b>07.1.1</b>	<b>Breads &amp; rolls</b>	<b>GMP</b>	<b>Canada(7.0)</b>		<b>6</b>
<b>07.1.2</b>	<b>Crackers, excl. sweet crackers</b>	<b>GMP</b>	<b>Canada(7.0)</b>		<b>6</b>
<b>07.1.3</b>	<b>Other ordinary bakery prods. (e.g., bagels, pita, English muffins)</b>	<b>GMP</b>	<b>Canada(7.0)</b>		<b>6</b>
<b>07.1.4</b>	<b>Bread-type prods., incl. bread stuffing &amp; bread crumbs</b>	<b>500 mg/kg</b>	<b>Brazil</b>		<b>6</b>
<b>07.1.5</b>	<b>Steamed breads &amp; buns</b>	<b>GMP</b>	<b>Canada(7.0)</b>		<b>6</b>
07.2	Fine bakery wares (sweet, salty, savoury)	200 mg/kg	EU		6
08.1.1	Fresh meat, poultry, & game, whole pieces or cuts	500 mg/kg	EU(8.0)	Note 16	6
08.1.2	Fresh meat, poultry, & game, comminuted	100 mg/kg	EU [Canada is the “exception” in Note 117]	Note 117	6
08.2	Processed meat, poultry, & game prods. in whole pieces or cuts	500 mg/kg	EU(8.0)	Note 16	6
08.3.1.1	Cured (incl. salted) non-heat treated processed comminuted meat, poultry, & game prods.	200 mg/kg	EU [Canada is the “exception” in Note 118]	Note 118	6

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
08.3.1.2	Cured (incl. salted) & dried non-heat treated processed comminuted meat, poultry & game prods.	100 mg/kg	EU(8.3.1)		6
08.3.1.3	Fermented non-heat treated processed comminuted meat, poultry, & game prods.	100 mg/kg	EU(8.3.1)		6
08.3.2	Heat-treated processed comminuted meat, poultry, & game prods.	100 mg/kg	EU		6
08.3.3	Frozen processed comminuted meat, poultry, & game prods.	500 mg/kg	EU(8.0)	Note 16	6
08.4	Edible casings (e.g., sausage casings)	500 mg/kg	EU(8.0)	Note 16	6
09.1.1	Fresh fish	300 mg/kg	EU	Note 50	6
09.1.2	Fresh mollusks, crustaceans, & echinoderms	500 mg/kg	EU(9.0)	Note 16	6
09.2.1	Frozen fish, fish fillets, & fish prods., incl. mollusks, crustaceans, & echinoderms	100 mg/kg	NATCOL(step 3) [EU(step 6) is the “exception” in Note 85]	Note 85	6
09.2.2	Frozen battered fish, fish fillets, & fish prods., incl. mollusks, crustaceans, & echinoderms	500 mg/kg	EU(9.0)	Note 16	6
09.2.2	Frozen battered fish, fish fillets, & fish prods., incl. mollusks, crustaceans, & echinoderms	100 mg/kg	NATCOL		3
09.2.3	Frozen minced & creamed fish prods., incl. mollusks, crustaceans, & echinoderms	500 mg/kg	EU(9.0)	Note 16	6
09.2.4.1	Cooked fish & fish prods.	500 mg/kg	EU		6
09.2.4.2	Cooked mollusks, crustaceans, & echinoderms	250 mg/kg	EU		6
09.2.4.3	Fried fish & fish prods., incl. mollusks, crustaceans & echinoderms	500 mg/kg	EU(9.0)	Note 16	6
09.2.4.3	Fried fish & fish prods., incl. mollusks, crustaceans & echinoderms	150 mg/kg	NATCOL		3
09.2.5	Smoked, dried, fermented, and/or salted fish & fish prods. incl. mollusks, crustaceans & echinoderms	300 mg/kg	EU	Note 22	6
09.3.1	Fish & fish prods., incl. mollusks, crustaceans, & echinoderms, marinated and/or in jelly	500 mg/kg	EU(9.0)	Note 16	6
09.3.2	Fish & fish prods., incl. mollusks, crustaceans, & echinoderms, pickled and/or in brine	500 mg/kg	EU(9.0)	Note 16	6
09.3.3	Salmon substitutes, caviar, & other fish roe prods.	500 mg/kg	EU		6
09.3.4	Semi-preserved fish & fish prods., incl. mollusks, crustaceans, & echinoderms (e.g., fish paste), excl. prods. of 09.3.1 – 09.3.3	100 mg/kg	EU		6
<del>09.4</del>	<del>Fully preserved, incl. canned or fermented fish &amp; fish prods., incl. mollusks, crustaceans, &amp; echinoderms</del>	<del>500 mg/kg</del>	<del>EU</del>		<del>6</del>
<b>09.4</b>	<b>Fully preserved, incl. canned or fermented fish &amp; fish prods., incl. mollusks, crustaceans, &amp; echinoderms</b>	<b>GMP</b>	<b>EU</b>		<b>6</b>
10.1	Fresh eggs	GMP	EU	Notes 3 & 4	6
10.4	Egg-based desserts (e.g., custard)	150 mg/kg	EU		6
12.2	Herbs, spices, seasonings (incl. salt substitutes), & condiments (e.g. seasoning for instant noodles)	500 mg/kg	EU		6
12.4	Mustards	300 mg/kg	EU		6
12.5	Soups & broths	50 mg/kg	EU		6
12.6	Sauces & like prods.	500 mg/kg	EU(12.6 & 12.6.1-12.6.3)		6
12.9	Protein prods.	100 mg/kg	EU		6
13.3.1	Dietetic foods for special medical purposes intended for adults	50 mg/kg	EU(step 6); ISDI(step 3)		6

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
13.4	Dietetic formulae for slimming purposes & weight reduction	50 mg/kg	EU(step 6); ISDI(step 3)		6
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excl. prods of 13.1–13.4	300 mg/kg	EU		6
13.6	Food supplements	300 mg/kg	EU(step 6); ISDI(step 3)		6
14.1.2.1	Canned or bottled (pasteurized) fruit juice	100 mg/kg	Brazil		6
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	100 mg/kg	Brazil(step 6); NATCOL(step3)		6
14.1.4	Water-based flavoured drinks, incl. “sport” or “electrolyte” drinks & particulated drinks	1000 mg/kg	ICGMA, GMA		6
14.2.1	Beer & malt beverages	100 mg/kg	NATCOL		3
14.2.2	Cider & perry	200 mg/kg	EU		6
14.2.3.1	Still wine	200 mg/kg	Brazil		6
14.2.3.2	Sparkling & semi-sparkling wines	200 mg/kg	Brazil		6
14.2.3.3	Fortified wine, liquor wine, & sweet wine	200 mg/kg	Brazil		6
14.2.4	Wines (other than grape)	200 mg/kg	EU		6
14.2.6	Distilled spirituous beverages containing more than 15% alcohol	200 mg/kg	EU		6
14.2.7	<del>Aromatized alcoholic beverages (e.g., beer, wine &amp; spirituous cooler type beverages, low alcoholic refreshers)</del>	<del>200 mg/kg</del>	EU		6
<b>14.2.7</b>	<b>Aromatized alcoholic beverages (e.g., beer, wine &amp; spirituous cooler-type beverages, low alcoholic refreshers)</b>	<b>500 mg/kg</b>	EU		<b>6</b>
15.1	Snacks – potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	200 mg/kg	EU		6
15.2	Processed nuts, incl. covered nuts & nut mixtures (with e.g., dried fruit)	100 mg/kg	EU		6
<del>16.0</del>	<del>Composite foods – foods that could not be placed in 01–15</del>	<del>500 mg/kg</del>	EU		6

**Carnauba Wax**

**INS:** 903

**Functional Effects:** Anticaking Agent, Adjuvant, Bulking Agent, Carrier Solvent, Glazing Agent, Release Agent

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
04.1.1.2	Surface-treated fresh fruit	GMP	EU, USA, Uruguay		6
04.1.2	Processed fruit	GMP	USA		6
04.2.1.2	Surface-treated fresh vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	GMP	EU	Note 79	6
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) & sweet sauces	10000 mg/kg	CAOBISCO		6
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) & sweet sauces	4000 mg/kg	Canada		(2001)
12.6	Sauces & like prods.	GMP	USA		6
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP	USA		6

**Appendix II**  
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**Carotenes, Vegetable**

**INS:** 160a(ii)

**Functional Effects:** Colour

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks)	GMP	Canada, EU & FIL-IDF(step 6); NATCOL(step 3)		6
01.3.2	Beverage whiteners	GMP	EU		6
01.4	Cream (plain) & the like	GMP	EU(1.4.1-1.4.4-step 6); NATCOL (1.4.4-step 3)		6
01.5.2	Milk & cream powder analogues	GMP	EU		6
01.6.1	Unripened cheese	600 mg/kg	Codex		3
<del>01.6.1</del>	<del>Unripened cheese</del>	<del>GMP</del>	<del>SAfrica(1.6); EU(1.6.1)</del>		<del>6</del>
<b>01.6.1</b>	<b>Unripened cheese</b>	<b>100 mg/kg</b>	<b>SAfrica(1.6)</b>		<b>6</b>
01.6.2.1	Total ripened cheese, incl. rind	600 mg/kg	Codex		6
<del>01.6.2.2</del>	<del>Rind of ripened cheese</del>	<del>GMP</del>	<del>SAfrica(1.6); EU(1.6.2.2)</del>		<del>6</del>
<b>01.6.2.2</b>	<b>Rind of ripened cheese</b>	<b>100 mg/kg</b>	<b>SAfrica(1.6)</b>		<b>6</b>
<del>01.6.2.3</del>	<del>Cheese powder (for reconstitution; e.g., for cheese sauces)</del>	<del>GMP</del>	<del>SAfrica(1.6)</del>		<del>6</del>
<b>01.6.2.3</b>	<b>Cheese powder (for reconstitution; e.g., for cheese sauces)</b>	<b>100 mg/kg</b>	<b>SAfrica(1.6)</b>		<b>6</b>
<del>01.6.3</del>	<del>Whey cheese</del>	<del>GMP</del>	<del>SAfrica(1.6); EU(1.6.3)</del>	<del>Note 3</del>	<del>6</del>
<b>01.6.3</b>	<b>Whey cheese</b>	<b>100 mg/kg</b>	<b>SAfrica(1.6)</b>		<b>6</b>
<del>01.6.4</del>	<del>Processed cheese</del>	<del>GMP</del>	<del>SAfrica(1.6); EU &amp; FIL-IDF(1.6.4.1 &amp; 1.6.4.2)</del>		<del>6</del>
<b>01.6.4</b>	<b>Processed cheese</b>	<b>100 mg/kg</b>	<b>SAfrica(1.6)</b>		<b>6</b>
<del>01.6.5</del>	<del>Cheese analogues</del>	<del>GMP</del>	<del>SAfrica(1.6); EU(1.6.5)</del>	<del>Note 3</del>	<del>6</del>
<b>01.6.5</b>	<b>Cheese analogues</b>	<b>100 mg/kg</b>	<b>SAfrica(1.6)</b>		<b>6</b>
<del>01.6.6</del>	<del>Whey protein cheese</del>	<del>GMP</del>	<del>SAfrica(1.6)</del>		<del>6</del>
<b>01.6.6</b>	<b>Whey protein cheese</b>	<b>100 mg/kg</b>	<b>SAfrica(1.6)</b>		<b>6</b>
01.7	Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)	GMP	EU, FIL-IDF		6
02.1	Fats & oils essentially free from water	GMP	EU(2.1 & 2.1.1-2.1.3); USA (2.1.2 & 2.1.3)		6
02.2.1.1	Butter & concentrated butter	600 mg/kg	Codex		6
02.2.1.2	Margarine & similar prods. (e.g., butter-margarine blends)	GMP	EU(2.2 & 2.2.1.2); Canada & USA (2.2.1.2)		6
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	GMP	EU(2.2 & 2.2.2)		6
02.3	Fat emulsions other than 02.2, incl. mixed and/or flavoured prods. based on fat emulsions	GMP	EU		6
02.4	Fat-based desserts excl. dairy-based prods. of 01.7	GMP	EU		6
03.0	Edible ices, incl. sherbet & sorbet	GMP	EU		6
04.1.1.2	Surface-treated fresh fruit	GMP	EU	Note 16	6
04.1.2.3	Fruit in vinegar, oil, or brine	GMP	EU		6
04.1.2.4	Canned or bottled (pasteurized) fruit	GMP	EU		6
04.1.2.5	Jams, jellies, & marmelades	GMP	Canada, EU		6

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
04.1.2.6	Fruit-based spreads (e.g., chutney) excl. prods. of 04.1.2.5	500 mg/kg	EU		6
04.1.2.7	Candied fruit	GMP	EU		6
04.1.2.8	Fruit preparations, incl. pulp, purees, fruit toppings & coconut milk	4 mg/kg	Agrilink [EU(step 6) & NATCOL (step 3) @GMP]		6
04.1.2.9	Fruit-based desserts, incl. fruit-flavoured water-based desserts	GMP	EU		6
04.1.2.10	Fermented fruit prods.	200 mg/kg	NATCOL		3
04.1.2.11	Fruit fillings for pastries	4 mg/kg	Agrilink [NATCOL(step 3)@GMP]		6
04.2.1.2	Surface-treated fresh vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	GMP	EU	Note 16	6
04.2.2.2	Dried vegetables, seaweeds, & nuts & seeds	200 mg/kg	NATCOL		3
<del>04.2.2.3</del>	<del>Vegetables (incl. mushrooms &amp; fungi, roots &amp; tubers, pulses &amp; legumes [(incl. soybeans)], &amp; aloe vera) &amp; seaweeds in vinegar, oil, brine, or soy sauce</del>	<del>500 mg/kg</del>	<del>EU</del>		<del>6</del>
<b>04.2.2.3</b>	<b>Vegetables (incl. mushrooms &amp; fungi, roots &amp; tubers, pulses &amp; legumes [(incl. soybeans)], &amp; aloe vera) &amp; seaweeds in vinegar, oil, brine, or soy sauce</b>	<b>GMP</b>	<b>EU &amp; Canada(step 6); NATCOL (step 3)</b>		<b>6</b>
04.2.2.4	Canned or bottled (pasteurized) or retort pouch vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), & seaweeds	200 mg/kg	NATCOL		3
04.2.2.5	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweed, & nuts & seed purees & spreads (e.g., peanut butter)	GMP	EU		6
04.2.2.6	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweed, & nut & seed pulps & preps. (e.g., vegetable desserts etc.) other than 04.2.2.5	GMP	EU		6
04.2.2.7	Fermented vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), & seaweed products	GMP	Japan		6
<del>05.1.3</del>	<del>Cocoa-based spreads, incl. fillings</del>	<del>GMP</del>	<del>EU</del>		<del>6</del>
05.1.4	Cocoa & chocolate prods.	500 mg/kg	CAOBISCO [IFCGA & ICGMA @120]		6
05.1.5	Imitation chocolate, chocolate substitutes	500 mg/kg	CAOBISCO [NATCOL(step 3)@200; IFCGA & ICGMA(step 6)@120]		6
05.2	Confectionery incl. hard & soft candy, nougat, etc. other than 05.1, 05.3 & 05.4	500 mg/kg	CAOBISCO [NATCOL(step 3)@300; IFCGA & ICGMA(step 6)@120]		6
05.3	Chewing gum	500 mg/kg	IFCGA		6
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) & sweet sauces	GMP	EU		6
06.3	Breakfast cereals, incl. rolled oats	400 mg/kg	ICGMA		6

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<b>Food Cat. No.</b>	<b>Food/Food Category in Which Used</b>	<b>Max Level</b>	<b>Source</b>	<b>Notes</b>	<b>Step</b>
06.4.2	Dried pastas & noodles & like prods.	GMP	Japan		6
06.4.3	Pre-cooked pastas & noodles & like prods.	GMP	Japan		6
06.5	Cereal & starch based desserts (e.g., rice pudding, tapioca pudding)	GMP	EU		6
06.6	Batters (e.g., for breading or batters for fish or poultry)	GMP	NATCOL		3
07.1.2	Crackers, excl. sweet crackers	GMP	NATCOL		3
07.1.4	Bread-type prods., incl. bread stuffing & bread crumbs	GMP	NATCOL		3
07.2	Fine bakery wares (sweet, salty, savoury)	GMP	EU		6
08.1.1	Fresh meat, poultry, & game, whole pieces or cuts	GMP	EU(8.0); USA(8.1.1)	Note 16	6
08.1.2	Fresh meat, poultry, & game, comminuted	20 mg/kg	EU [Canada is the “exception” in Note 117]	Note 117	6
08.2	Processed meat, poultry, & game prods. in whole pieces or cuts	GMP	EU(8.0); USA(8.2)	Note 16	6
08.3.1	Non-heat treated processed comminuted meat, poultry, & game prods.	20 mg/kg	EU [Canada is the “exception” in Note 118]	Note 118	6
08.3.2	Heat-treated processed comminuted meat, poultry, & game prods.	20 mg/kg	EU		6
08.3.3	Frozen processed comminuted meat, poultry, & game prods.	GMP	EU(8.0); USA(8.3)	Note 16	6
08.4	Edible casings (e.g., sausage casings)	GMP	EU, USA		6
09.1.1	Fresh fish	GMP	EU	Note 50	6
09.1.2	Fresh mollusks, crustaceans, & echinoderms	GMP	EU(9.0)	Note 16	6
09.2.1	Frozen fish, fish fillets, & fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU	Note 95	6
09.2.2	Frozen battered fish, fish fillets, & fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU(9.0)	Note 16	6
09.2.3	Frozen minced & creamed fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU(9.0)	Note 16	6
09.2.4.1	Cooked fish & fish prods.	GMP	Canada, EU		6
09.2.4.2	Cooked mollusks, crustaceans, & echinoderms	GMP	EU		6
09.2.4.3	Fried fish & fish prods., incl. mollusks, crustaceans & echinoderms	GMP	EU(9.0)	Note 16	6
09.2.5	Smoked, dried, fermented and/or salted fish & fish prods incl. mollusks, crustaceans & echinoderms	GMP	Canada, EU	Note 22	6
09.3.1	Fish & fish prods., incl. mollusks, crustaceans, & echinoderms, marinated and/or in jelly	GMP	EU(9.0)	Note 16	6
09.3.2	Fish & fish prods., incl. mollusks, crustaceans, & echinoderms, pickled and/or in brine	GMP	EU(9.0)	Note 16	6
09.3.3	Salmon substitutes, caviar, & other fish roe prods.	GMP	Canada, EU		6
09.3.4	Semi-preserved fish & fish prods., incl. mollusks, crustaceans, & echinoderms (e.g., fish paste), excl. prods. of 09.3.1 – 09.3.3	GMP	EU(9.0)	Note 16	6
<del>09.4</del>	<del>Fully preserved, incl. canned or fermented fish &amp; fish prods., incl. mollusks, crustaceans, &amp; echinoderms</del>	<del>500 mg/kg</del>	<del>EU</del>		<del>6</del>



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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
<b>09.4</b>	<b>Fully preserved, incl. canned or fermented fish &amp; fish prods., incl. mollusks, crustaceans, &amp; echinoderms</b>	<b>GMP</b>	<b>EU</b>		<b>6</b>
09.4	Fully preserved, incl. canned or fermented fish & fish prods., incl. mollusks, crustaceans, & echinoderms	200 mg/kg	NATCOL		3
10.1	Fresh eggs	GMP	EU	Notes 3 & 4	6
10.2	Egg products	GMP	NATCOL		3
<del>40.4</del>	<del>Egg-based desserts (e.g., custard)</del>	<del>150 mg/kg</del>	<del>EU</del>		<del>6</del>
<b>10.4</b>	<b>Egg-based desserts (e.g., custard)</b>	<b>GMP</b>	<b>EU</b>		<b>6</b>
11.4	Other sugars & syrups (e.g., xylose, maple sugar, sugar toppings)	50 mg/kg	NATCOL		3
12.2	Herbs, spices, seasonings (incl. salt substitutes), & condiments (e.g. seasoning for instant noodles)	GMP	Japan		6
12.4	Mustards	GMP	EU		6
12.5	Soups & broths	GMP	EU		6
12.6.1	Emulsified sauces (e.g., mayonnaise, salad dressing)	GMP	EU		6
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	GMP	Canada, EU		6
12.6.3	Mixes for sauces & gravies	GMP	EU		6
12.7	Salads (e.g., macaroni salad, potato salad) & sandwich spreads excl. cocoa- & nut-based spreads of 04.2.2.5 & 05.1.3	GMP	EU		6
12.9	Protein prods.	GMP	EU		6
13.3.1	Dietetic foods for special medical purposes intended for adults	GMP	EU(step 6); ISDI(step 3)		6
13.3.2	Dietetic foods for special medical purposes intended for infants & young children	30 mg/kg	ISDI		3
13.4	Dietetic formulae for slimming purposes & weight reduction	GMP	EU(step 6); ISDI(step 3)		6
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excl. prods. of 13.1–13.4	GMP	EU(step 6); ISDI(step 3)		6
13.6	Food supplements	GMP	EU(step 6); ISDI(step 3)		6
14.1.2	Fruit & vegetable juices	GMP	NATCOL(14.1.2.1-14.1.2.4)		3
14.1.3.2	Canned or bottled (pasteurized) vegetable nectar	GMP	EU(step 6); NATCOL(step 3)		6
14.1.3.3	Concentrate (liquid or solid) for fruit nectar	GMP	NATCOL		3
14.1.3.4	Concentrate (liquid or solid) for vegetable nectar	GMP	EU		6
14.1.4	Water-based flavoured drinks, incl. “sport” or “electrolyte” drinks & particulated drinks	2000 mg/kg	ISDC		6
14.2.1	Beer & malt beverages	GMP	NATCOL		3
14.2.2	Cider & perry	GMP	EU		6
14.2.3.1	Still wine	GMP	NATCOL		3
14.2.3.2	Sparkling & semi-sparkling wines	GMP	EU		6

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<b>Food Cat. No.</b>	<b>Food/Food Category in Which Used</b>	<b>Max Level</b>	<b>Source</b>	<b>Notes</b>	<b>Step</b>
14.2.3.3	Fortified wine, liquor wine, & sweet wine	GMP	NATCOL		3
14.2.4	Wines (other than grape)	GMP	EU		6
14.2.6	Distilled spirituous beverages containing more than 15% alcohol	GMP	Canada, EU, Mexico		6
14.2.7	Aromatized alcoholic beverages (e.g., beer, wine & spirituous cooler-type beverages, low alcoholic refreshers)	GMP	EU, Mexico		6
15.1	Snacks – potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	400 mg/kg	CAOBISCO		3
15.1	Snacks – potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	25 mg/kg	TomsFood [NATCOL(step 3), & EU & Japan(step 6)@GMP]		6
15.2	Processed nuts, incl. covered nuts & nut mixtures (with e.g., dried fruit)	GMP	EU		6
<del>16.0</del>	<del>Composite foods – foods that could not be placed in 01 – 15</del>	<del>GMP</del>	<del>EU</del>		<del>6</del>

**Castor Oil**

**INS:** 1503

**Functional Effects:** Anticaking Agent, Carrier Solvent, Glazing Agent, Release Agent

<b>Food Cat. No.</b>	<b>Food/Food Category in Which Used</b>	<b>Max Level</b>	<b>Source</b>	<b>Notes</b>	<b>Step</b>
05.1	Cocoa prods. & chocolate prods. incl. imitations & chocolate substitutes	GMP	Canada(5.0)		6
05.2	Confectionery incl. hard & soft candy, nougat, etc. other than 05.1, 05.3 & 05.4	500 mg/kg	USA		6
05.3	Chewing gum	2100 mg/kg	IFCGA		6
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) & sweet sauces	GMP	Canada(5.0)		6
13.6	Food supplements	GMP	USA		6
14.1.4	Water-based flavoured drinks, incl. “sport” or “electrolyte” drinks & particulated drinks	500 mg/kg	ISDC		6

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**Chlorophylls, Copper Complexes**

**INS:** 141i, 141ii

**Functional Effects:** Colour

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks)	50 mg/kg	NATCOL		3
<del>01.1.2</del>	<del>Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks)</del>	<del>GMP</del>	<del>Brazil, EU, SAfrica, FIL-IDF</del>		<del>6</del>
<b>01.1.2</b>	<b>Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks)</b>	<b>20 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
01.3.2	Beverage whiteners	GMP	EU		6
01.4	Cream (plain) & the like	GMP	EU(1.4.1-1.4.4)		6
01.5.2	Milk & cream powder analogues	GMP	EU		6
<del>01.6.1</del>	<del>Unripened cheese</del>	<del>15 mg/kg</del>	<del>Codex</del>		<del>3</del>
<del>01.6.1</del>	<del>Unripened cheese</del>	<del>GMP</del>	<del>SAfrica(1.6); EU(1.6.1)</del>		<del>6</del>
<b>01.6.1</b>	<b>Unripened cheese</b>	<b>50 mg/kg</b>	<b>SAfrica(1.6)</b>		<b>6</b>
<del>01.6.2.1</del>	<del>Total ripened cheese, incl. rind</del>	<del>15 mg/kg</del>	<del>Codex</del>		<del>6</del>
<b>01.6.2.1</b>	<b>Total ripened cheese, incl. rind</b>	<b>50 mg/kg</b>	<b>SAfrica(1.6)</b>		<b>6</b>
<del>01.6.2.2</del>	<del>Rind of ripened cheese</del>	<del>GMP</del>	<del>SAfrica(1.6 &amp; 1.6.2.2); Brazil &amp; EU (1.6.2.2)</del>		<del>6</del>
<b>01.6.2.2</b>	<b>Rind of ripened cheese</b>	<b>75 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
<del>01.6.2.3</del>	<del>Cheese powder (for reconstitution; e.g., for cheese sauces)</del>	<del>GMP</del>	<del>SAfrica(1.6)</del>		<del>6</del>
<b>01.6.2.3</b>	<b>Cheese powder (for reconstitution; e.g., for cheese sauces)</b>	<b>50 mg/kg</b>	<b>SAfrica(1.6)</b>		<b>6</b>
<del>01.6.3</del>	<del>Whey cheese</del>	<del>GMP</del>	<del>SAfrica(1.6); EU(1.6.3)</del>	<del>Note 3</del>	<del>6</del>
<b>01.6.3</b>	<b>Whey cheese</b>	<b>50 mg/kg</b>	<b>SAfrica(1.6)</b>		<b>6</b>
<del>01.6.4</del>	<del>Processed cheese</del>	<del>50 mg/kg</del>	<del>NATCOL</del>		<del>3</del>
<del>01.6.4</del>	<del>Processed cheese</del>	<del>GMP</del>	<del>SAfrica(1.6, 1.6.4.1 &amp; 1.6.4.2-step 6); Codex (1.6.4.1-step 6); EU(1.6.4.2-stp 6); FIL-IDF(1.6.4.1 &amp; 1.6.4.2-step 6); Indonesia(1.6-step 3)</del>		<del>6</del>
<b>01.6.4</b>	<b>Processed cheese</b>	<b>50 mg/kg</b>	<b>SAfrica(1.6-step 6); NATCOL(step 3)</b>		<b>6</b>
<del>01.6.5</del>	<del>Cheese analogues</del>	<del>GMP</del>	<del>SAfrica(1.6); EU(1.6.5)</del>		<del>6</del>
<b>01.6.5</b>	<b>Cheese analogues</b>	<b>50 mg/kg</b>	<b>SAfrica(1.6)</b>		<b>6</b>
<del>01.6.6</del>	<del>Whey protein cheese</del>	<del>GMP</del>	<del>SAfrica(1.6)</del>		<del>6</del>
<b>01.6.6</b>	<b>Whey protein cheese</b>	<b>50 mg/kg</b>	<b>SAfrica(1.6)</b>		<b>6</b>
01.7	Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)	500 mg/kg	PRChina		3
01.7	Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)	200 mg/kg	Thailand		6
02.0	Fats & oils, & fat emulsions (type water in oil)	GMP	Brazil(2.0, 2.1.2, 2.2.1.1, 2.2.1.2, 2.3 &		6

**Appendix II**  
**Source Data and Recommendations of Quality Control Working Group for Additives Scheduled for Discussion by the 35<sup>th</sup> CCFAC**  
~~Strikeout~~ = recommended deletion; **Bold** = recommended change or addition

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
			2.4); EU & SAfrica(2.4)		
<b>02.1</b>	<b>Fats &amp; oils essentially free from water</b>	<b>GMP</b>	<b>Brazil(2.0 &amp; 2.1.2)</b>		<b>6</b>
<b>02.2</b>	<b>Fat emulsions mainly of type water-in-oil</b>	<b>GMP</b>	<b>Brazil(2.0, 2.2.1.1 &amp; 2.2.1.2)</b>		<b>6</b>
<b>02.3</b>	<b>Fat emulsions other than 02.2, incl. mixed and/or flavoured prods. based on fat emulsions</b>	<b>GMP</b>	<b>Brazil(2.0 &amp; 2.3); ICGMA(2.3)</b>		<b>6</b>
<b>02.4</b>	<b>Fat-based desserts excl. dairy-based prods. of 01.7</b>	<b>500 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
03.0	Edible ices, incl. sherbet & sorbet	500 mg/kg	PRChina		3
<del>03.0</del>	<del>Edible ices, incl. sherbet &amp; sorbet</del>	<del>200 mg/kg</del>	<del>Thailand</del>		<del>6</del>
<b>03.0</b>	<b>Edible ices, incl. sherbet &amp; sorbet</b>	<b>350 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
04.1.1.2	Surface-treated fresh fruit	GMP	EU	Note 16	6
04.1.2.1	Frozen fruit	100 mg/kg	Japan(4.1.2 & 4.1.2.1)	Note 62	6
04.1.2.2	Dried fruit	100 mg/kg	Japan(4.1.2 & 4.1.2.2)	Note 62	6
04.1.2.3	Fruit in vinegar, oil, or brine	100 mg/kg	Japan(4.1.2 & 4.1.2.3)	Note 62	6
04.1.2.4	Canned or bottled (pasteurized) fruit	100 mg/kg	Japan(4.1.2 & 4.1.2.4); SAfrica(4.1.2.4)	Note 62	6
04.1.2.5	Jams, jellies, & marmelades	200 mg/kg	Brazil		6
<del>04.1.2.6</del>	<del>Fruit-based spreads (e.g., chutney) excl. prods. of 04.1.2.5</del>	<del>500 mg/kg</del>	<del>EU</del>		<del>6</del>
<b>04.1.2.6</b>	<b>Fruit-based spreads (e.g., chutney) excl. prods. of 04.1.2.5</b>	<b>150 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
<del>04.1.2.7</del>	<del>Candied fruit</del>	<del>100 mg/kg</del>	<del>Japan(4.1.2 &amp; 4.1.2.7)</del>	<del>Note 62</del>	<del>6</del>
<b>04.1.2.7</b>	<b>Candied fruit</b>	<b>250 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
04.1.2.8	Fruit preparations, incl. pulp, purees, fruit toppings & coconut milk	100 mg/kg	Japan(4.1.2 & 4.1.2.8)	Note 62	6
04.1.2.9	Fruit-based desserts, incl. fruit-flavoured water-based desserts	150 mg/kg	Japan, SAfrica	Note 62	6
04.1.2.10	Fermented fruit prods.	100 mg/kg	Japan(4.1.2 & 4.1.2.10)	Note 62	6
04.1.2.11	Fruit fillings for pastries	100 mg/kg	Japan(4.1.2 & 4.1.2.11)	Note 62	6
04.1.2.12	Cooked or fried fruit	100 mg/kg	Japan(4.1.2 & 4.1.2.12)	Note 62	6
04.2.1.2	Surface-treated fresh vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	GMP	EU	Note 16	6
04.2.2.1	Frozen vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	100 mg/kg	Japan(4.2.2 & 4.2.2.1)	Note 62	6
04.2.2.2	Dried vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	100 mg/kg	Japan(4.2.2 & 4.2.2.2) [Japan is the “exception” in Note 89]	Notes 62 & 89	6
<del>04.2.2.3</del>	<del>Vegetables (incl. mushrooms &amp; fungi, roots &amp; tubers, pulses &amp; legumes [(incl. soybeans)], &amp; aloe vera) &amp; seaweeds in vinegar, oil, brine, or soy sauce</del>	<del>500 mg/kg</del>	<del>EU</del>		<del>6</del>
<b>04.2.2.3</b>	<b>Vegetables (incl. mushrooms &amp; fungi, roots &amp; tubers, pulses &amp; legumes [(incl. soybeans)], &amp; aloe vera) &amp; seaweeds in vinegar, oil, brine, or soy sauce</b>	<b>300 mg/kg</b>	<b>Codex(step 6); Indonesia(step 3)</b>		<b>6</b>
04.2.2.4	Canned or bottled (pasteurized) or retort pouch vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), &	100 mg/kg	Japan(4.2.2 & 4.2.2.4); SAfrica(4.2.2.4)	Note 62	6

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
	seaweeds				
04.2.2.5	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweed, & nuts & seed purees & spreads (e.g., peanut butter)	100 mg/kg	Japan(4.2.2)	Note 62	6
04.2.2.6	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweed, & nut & seed pulps & preps. (e.g., vegetable desserts etc.) other than 04.2.2.5	100 mg/kg	Japan(4.2.2 & 4.2.2.6)	Note 62	6
04.2.2.7	Fermented vegetable (including mushrooms & fungi, roots & tubers, pulses & legumes [(including soybeans)], & aloe vera), & seaweed products	100 mg/kg	Japan(4.2.2 & 4.2.2.7)	Note 62	6
04.2.2.8	Cooked or fried vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera) & seaweeds	100 mg/kg	Japan(4.2.2 & 4.2.2.8)	Note 62	6
05.1.1	Cocoa mixes (powders) & cocoa mass/cake	GMP	Brazil(5.0)		6
05.1.2	Cocoa mixes (syrops)	GMP	Brazil(5.0)		6
05.1.3	Cocoa-based spreads, incl. fillings	GMP	Brazil(5.0 & 5.1.3)		6
05.1.4	Cocoa & chocolate prods.	700 mg/kg	CAOBISCO [IFCGA & ICGMA@30]		6
05.1.5	Imitation chocolate, chocolate substitute prods.	700 mg/kg	CAOBISCO [IFCGA & ICGMA@30]		6
05.2	Confectionery incl. hard & soft candy, nougat etc. other than 05.1, 05.3 & 05.4	700 mg/kg	Canada		6
05.3	Chewing gum	700 mg/kg	Canada, IFCGA		6
<del>05.4</del>	<del>Decorations (e.g., for fine bakery wares), toppings (non fruit) &amp; sweet sauces</del>	<del>GMP</del>	<del>Brazil(5.0 &amp; 5.4); EU &amp; SAfrica(5.4)</del>		<del>6</del>
<b>05.4</b>	<b>Decorations (e.g., for fine bakery wares), toppings (non-fruit) &amp; sweet sauces</b>	<b>100 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
06.3	Breakfast cereals, incl. rolled oats	100 mg/kg	NATCOL		3
<del>06.3</del>	<del>Breakfast cereals, incl. rolled oats</del>	<del>GMP</del>	<del>Brazil, EU, SAfrica</del>		<del>6</del>
<b>06.3</b>	<b>Breakfast cereals, incl. rolled oats</b>	<b>50 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
06.4.2	Dried pastas & noodles & like prods.	GMP	Brazil		6
06.4.3	Pre-cooked pastas & noodles & like prods.	GMP	Brazil		6
<del>06.5</del>	<del>Cereal &amp; starch based desserts (e.g., rice pudding, tapioca pudding)</del>	<del>6.4 mg/kg</del>	<del>Japan</del>	<del>Note 62</del>	<del>6</del>
<b>06.5</b>	<b>Cereal &amp; starch based desserts (e.g., rice pudding, tapioca pudding)</b>	<b>75 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
06.6	Batters (e.g., for breading or batters for fish or poultry)	GMP	Brazil		6
07.1.4	Bread-type products, incl. bread stuffing & bread crumbs	GMP	Brazil	Note 116	6
<b>07.2</b>	<b>Fine bakery wares (sweet, salty, savoury)</b>	<b>75 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
07.2.1	Cakes, cookies & pies (e.g., fruit filled or custard types)	6.4 mg/kg	Japan	Note 62	6
07.2.2	Other fine bakery prods. (e.g., doughnuts, sweet rolls, scones, & muffins)	GMP	EU & SAfrica(7.2)		6
07.2.3	Mixes for fine bakery wares (e.g., cakes, pancakes)	GMP	EU & SAfrica(7.2)		6
08.0	Meat & meat prods., incl. poultry & game	GMP	EU(8.0 & 8.4); Brazil & SAfrica(8.4)	Note 16	6
09.1.1	Fresh fish	GMP	EU	Note 50	6

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
09.1.2	Fresh mollusks, crustaceans, & echinoderms	GMP	EU(9.0)	Note 16	6
09.2.1	Frozen fish, fish fillets, & fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU	Note 95	6
09.2.2	Frozen battered fish, fish fillets, & fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU(9.0)	Note 16	6
09.2.3	Frozen minced & creamed fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU(9.0)	Note 16	6
<del>09.2.4.1</del>	<del>Cooked fish &amp; fish prods.</del>	<del>30 mg/kg</del>	<del>Japan</del>	<del>Note 62</del>	<del>6</del>
<b>09.2.4.1</b>	<b>Cooked fish &amp; fish prods.</b>	<b>40 mg/kg</b>	<b>Japan</b>	<b>Note 62</b>	<b>6</b>
09.2.4.2	Cooked mollusks, crustaceans, & echinoderms	GMP	EU		6
<del>09.2.4.3</del>	<del>Fried fish &amp; fish prods., incl. mollusks, crustaceans &amp; echinoderms</del>	<del>40 mg/kg</del>	<del>Japan</del>	<del>Note 62</del>	<del>6</del>
<b>09.2.4.3</b>	<b>Fried fish &amp; fish prods., incl. mollusks, crustaceans &amp; echinoderms</b>	<b>GMP</b>	<b>EU(9.0)</b>	<b>Note 16</b>	<b>6</b>
<del>09.2.5</del>	<del>Smoked, dried, fermented and/or salted fish &amp; fish prods. incl. mollusks, crustaceans &amp; echinoderms</del>	<del>40 mg/kg</del>	<del>Japan</del>	<del>Note 62</del>	<del>6</del>
<b>09.2.5</b>	<b>Smoked, dried, fermented and/or salted fish &amp; fish prods. incl. mollusks, crustaceans &amp; echinoderms</b>	<b>200 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
09.3.1	Fish & fish prods., incl. mollusks, crustaceans, & echinoderms, marinated and/or in jelly	GMP	EU(9.0)	Note 16	6
09.3.2	Fish & fish prods., incl. mollusks, crustaceans, & echinoderms, pickled and/or in brine	GMP	EU(9.0)	Note 16	6
<del>09.3.3</del>	<del>Salmon substitutes, caviar, &amp; other fish roe prods.</del>	<del>GMP</del>	<del>EU, SAfrica</del>		<del>6</del>
<b>09.3.3</b>	<b>Salmon substitutes, caviar, &amp; other fish roe prods.</b>	<b>200 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
<del>09.3.4</del>	<del>Semi-preserved fish &amp; fish prods., incl. mollusks, crustaceans, &amp; echinoderms (e.g., fish paste), excl. prods. of 09.3.1 – 09.3.3</del>	<del>GMP</del>	<del>SAfrica</del>		<del>6</del>
<b>09.3.4</b>	<b>Semi-preserved fish &amp; fish prods., incl. mollusks, crustaceans, &amp; echinoderms (e.g., fish paste), excl. prods. of 09.3.1 – 09.3.3</b>	<b>75 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
<del>09.4</del>	<del>Fully preserved, incl. canned or fermented fish &amp; fish prods., incl. mollusks, crustaceans, &amp; echinoderms</del>	<del>500 mg/kg</del>	<del>EU</del>		<del>6</del>
<b>09.4</b>	<b>Fully preserved, incl. canned or fermented fish &amp; fish prods., incl. mollusks, crustaceans, &amp; echinoderms</b>	<b>50 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
10.1	Fresh eggs	GMP	EU	Notes 3 & 4	6
10.4	Egg-based desserts (e.g., custard)	GMP	Brazil, EU		6
11.4	Other sugars & syrups (e.g., xylose, maple syrup, sugar toppings)	64 mg/kg	Japan	Note 62	6
<del>12.2</del>	<del>Herbs, spices, seasonings (incl. salt substitutes), &amp; condiments (e.g. seasoning for instant noodles)</del>	<del>GMP</del>	<del>SAfrica</del>		<del>6</del>
<b>12.2</b>	<b>Herbs, spices, seasonings (incl. salt substitutes), &amp; condiments (e.g. seasoning for instant noodles)</b>	<b>100 mg/kg</b>	<b>SAfrica</b>		<b>6</b>

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
12.4	Mustards	GMP	EU		6
12.5.1	Ready-to-eat soups & broths, incl. canned, bottled, & frozen	400 mg/kg	Codex		6
<del>12.5.2</del>	<del>Mixes for soups &amp; broths</del>	<del>GMP</del>	<del>EU &amp; SAfrica(12.5)</del>		<del>6</del>
<b>12.5.2</b>	<b>Mixes for soups &amp; broths</b>	<b>100 mg/kg</b>	<b>SAfrica(12.5)</b>		<b>6</b>
<del>12.6</del>	<del>Sauces &amp; like prods.</del>	<del>GMP</del>	<del>Brazil, SAfrica &amp; CIMCEE(12.6); EU (12.6.1 12.6.3)</del>		<del>6</del>
<b>12.6</b>	<b>Sauces &amp; like prods.</b>	<b>100 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
12.7	Salads (e.g., macaroni salad, potato salad) & sandwich spreads excl. cocoa- & nut-based spreads of 04.2.2.5 & 05.1.3	GMP	EU		6
12.9	Protein prods.	GMP	Brazil, EU		6
13.3	Dietetic foods intended for special medical purposes, incl. those for infants & young children	GMP	EU & SAfrica(step 6); ISDI(step 3)		6
13.4	Dietetic formulae for slimming purposes & weight reduction	GMP	EU & SAfrica(step 6); ISDI(step 3)		6
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excl. prods. of 13.1 – 13.4	GMP	EU & SAfrica(step 6); ISDI(step 3)		6
13.6	Food supplements	GMP	EU & SAfrica(step 6); ISDI(step 3)		6
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP	Brazil		6
14.1.3.1	Canned or bottles (pasteurized) fruit nectar	GMP	Brazil		6
14.1.3.2	Canned or bottled (pasteurized) vegetable nectar	GMP	EU		6
14.1.3.4	Concentrate (liquid or solid) for vegetable nectar	GMP	EU		6
14.1.4	Water-based flavoured drinks, incl. “sport” or “electrolyte” drinks & particulated drinks	300 mg/kg	Thailand, ICGMA		6
14.2.2	Cider & perry	GMP	EU		6
14.2.3.2	Sparkling & semi-sparkling wines	GMP	EU		6
14.2.3.3	Fortified wine, liquor wine, & sweet wine	GMP	Brazil		6
14.2.4	Wines (other than grape)	GMP	EU		6
14.2.6	Distilled spirituous beverages containing more than 15% alcohol	GMP	Brazil, EU		6
14.2.7	Aromatized alcoholic beverages (e.g., beer, wine & spirituous cooler-type beverages, low alcoholic refreshers)	GMP	Brazil, EU		6
<del>15.1</del>	<del>Snacks – potato, cereal, flour or starch based (from roots &amp; tubers, pulses &amp; legumes)</del>	<del>GMP</del>	<del>EU, SAfrica</del>		<del>6</del>
<b>15.1</b>	<b>Snacks – potato, cereal, flour or starch based (from roots &amp; tubers, pulses &amp; legumes)</b>	<b>350 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
<del>15.2</del>	<del>Processed nuts, incl. covered nuts &amp; nut mixtures (with e.g., dried fruit)</del>	<del>GMP</del>	<del>EU, SAfrica</del>		<del>6</del>
<b>15.2</b>	<b>Processed nuts, incl. covered nuts &amp; nut mixtures (with e.g., dried fruit)</b>	<b>100 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
<del>16.0</del>	<del>Composite foods – foods that could not be placed in 01 – 15</del>	<del>GMP</del>	<del>EU</del>		<del>6</del>

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**Diacetyltartaric and Fatty Acid Esters of Glycerol**

**INS:** 472e

**Functional Effects:** Sequestrant, Stabilizer

<b>Food Cat. No.</b>	<b>Food/Food Category in Which Used</b>	<b>Max Level</b>	<b>Source</b>	<b>Notes</b>	<b>Step</b>
01.1.1.2	Buttermilk (plain)	GMP	EU		6
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks)	GMP	EU, FIL-IDF		6
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP	EU		6
01.2.2	Renneted milk	GMP	EU		6
01.3.2	Beverage whiteners	5000 mg/kg	SAfrica		6
01.4	Cream (plain) & the like	5000 mg/kg	Japan		6
01.5.1	Milk powder & cream powder (plain)	10000 mg/kg	CzechRep		6
01.5.2	Milk & cream powder analogues	GMP	EU		6
01.6.1	Unripened cheese	GMP	EU		6
01.6.2.1	Total ripened cheese, incl. rind	GMP	EU		6
01.6.4	Processed cheese	GMP	EU		6
01.6.5	Cheese analogues	GMP	EU		6
01.7	Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)	10000 mg/kg	CzechRep		6
02.1	Fats & oils essentially free from water	10000 mg/kg	IFMA		6
02.2	Fat emulsions mainly of type water-in-oil	10000 mg/kg	IFMA(step 3 & 6); CzechRep (2.2-step 6); Codex & SAfrica(2.2.1.2-step 6); Indonesia(Step 3)		6
02.3	Fat emulsions other than food category 02.2, incl. mixed and/or flavoured prods. based on fat emulsions	10000 mg/kg	IFMA(step 3 & 6)		6
02.4	Fat-based desserts excl. dairy-based prods. of 01.7	5000 mg/kg	Brazil(2.0)		6
03.0	Edible ices, incl. sherbet & sorbet	10000 mg/kg	Indonesia		3
03.0	Edible ices, incl. sherbet & sorbet	1000 mg/kg	Uruguay		6
04.1.1.2	Surface-treated fresh fruit	GMP	EU	Note 16	6
04.1.2.2	Dried fruit	GMP	EU		6
04.1.2.3	Fruit in vinegar, oil, or brine	GMP	EU		6
04.1.2.6	Fruit-based spreads (e.g., chutney) excl. prods. of 04.1.2.5	GMP	EU		6
04.1.2.7	Candied fruit	GMP	EU		6
04.1.2.8	Fruit preparations, incl. pulp, purees, fruit toppings & coconut milk	GMP	EU		6
04.1.2.9	Fruit-based desserts, incl. fruit-flavoured water-based desserts	GMP	EU		6
04.1.2.10	Fermented fruit prods.	GMP	EU		6
04.1.2.12	Cooked or fried fruit	GMP	EU		6



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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
04.2.1.2	Surface-treated fresh vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	GMP	EU	Note 16	6
04.2.2.2	Dried vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	GMP	EU		6
04.2.2.3	Vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera) & seaweeds in vinegar, oil, brine, or soy sauce	GMP	EU		6
04.2.2.6	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweed, & nut & seed pulps & preps. (e.g., vegetable desserts etc.) other than 04.2.2.5	GMP	EU		6
04.2.2.7	Fermented vegetable (including mushrooms & fungi, roots & tubers, pulses & legumes [(including soybeans)], & aloe vera), & seaweed products	GMP	EU		6
04.2.2.8	Cooked or fried vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera) & seaweeds	GMP	EU		6
05.1	Cocoa prods. & chocolate prods. incl. imitations & chocolate substitutes	10000 mg/kg	CzechRep(5.0)		6
05.2	Confectionery incl. hard & soft candy, nougat, etc. other than 05.1, 05.3 & 05.4	10000 mg/kg	CzechRep(5.0)		6
05.3	Chewing gum	50000 mg/kg	IFCGA		6
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) & sweet sauces	10000 mg/kg	CzechRep(5.0)		6
06.2	Flours & starches	5000 mg/kg	Brazil		6
06.4.2	Dried pastas & noodles & like prods.	10000 mg/kg	Japan		6
06.4.2	Pre-cooked pastas & noodles & like prods.	10000 mg/kg	Japan		6
06.5	Cereal & starch based desserts (e.g., rice pudding, tapioca pudding)	5000 mg/kg	Brazil		6
06.6	Batters (e.g., for breading or batters for fish or poultry)	GMP	EU		6
07.0	Bakery wares	20000 mg/kg	CAOBISCO		3
07.0	Bakery wares	10000 mg/kg	CzechRep(7.0); ICGMA(7.1.1 & 7.2)		6
08.1.1	Fresh meat, poultry, & game, whole pieces or cuts	GMP	EU(8.0)	Note 16	6
08.1.2	Fresh meat, poultry, & game, comminuted	GMP	EU		6
08.2.1	Non-heat treated processed meat, poultry, & game prods. in whole pieces or cuts	GMP	EU		6
08.2.2	Heat-treated processed meat, poultry, & game prods. in whole pieces or cuts	GMP	EU		6
08.2.3	Frozen processed meat, poultry, & game prods. in whole pieces or cuts	GMP	EU(8.0)	Note 16	6
08.3.1	Non-heat treated processed comminuted meat, poultry, & game prods.	GMP	EU		6
08.3.2	Heat-treated processed comminuted meat, poultry, & game prods.	GMP	EU		6
08.3.3	Frozen processed comminuted meat, poultry, & game prods.	GMP	EU(8.0)	Note 16	6
08.4	Edible casings (e.g., sausage casings)	GMP	EU		6
09.1	Fresh fish & fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU(9.0)	Note 16	6
09.2.1	Frozen fish, fish fillets, & fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU		6
09.2.2	Frozen battered fish, fish fillets, & fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU(9.0)	Note 16	6

**Appendix II**  
**Source Data and Recommendations of Quality Control Working Group for Additives Scheduled for Discussion by the 35<sup>th</sup> CCFAC**  
~~Strikeout~~ = recommended deletion; **Bold** = recommended change or addition

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
09.2.3	Frozen minced & creamed fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU(9.0)	Note 16	6
09.2.4	Cooked and/or fried fish & fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU(9.2.4.1-9.2.4.3)		6
09.2.5	Smoked, dried, fermented and/or salted fish & fish prods. incl. mollusks, crustaceans & echinoderms	GMP	EU		6
09.3	Semi-preserved fish & fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU(9.3.1-9.3.4)		6
09.4	Fully preserved, incl. canned or fermented fish & fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU		6
10.2.3	Dried and/or heat coagulated egg prods.	GMP	EU		6
10.4	Egg-based desserts (e.g., custard)	GMP	EU		6
11.4	Other sugars & syrups (e.g., xylose, maple syrup, sugar toppings)	GMP	EU		6
12.2	Herbs, spices, seasonings (incl salt substitutes)& condiments(e.g. seasoning for instant noodles)	1 mg/kg	ICGMA		6
12.3	Vinegars	GMP	EU		6
12.4	Mustards	10000 mg/kg	Uruguay		6
12.5	Soups & broths	GMP	EU		6
12.6	Sauces & like prods.	10000 mg/kg	Uruguay		6
12.7	Salads (e.g., macaroni salad, potato salad) & sandwich spreads excl. cocoa- & nut-based spreads of 04.2.2.5 & 05.1.3	GMP	EU		6
12.9	Protein prods.	GMP	EU		6
<del>13.1</del>	<del>Infant formulae &amp; follow-on formulae</del>	<del>GMP</del>	<del>USA</del>		<del>6</del>
13.3.1	Dietetic foods for special medical purposes intended for adults	GMP	EU(step 6); ISDI(step 3)		6
13.4	Dietetic formulae for slimming purposes & weight reduction	GMP	EU(step 6); ISDI(step 3)		6
13.5	Dietetic foods (e.g. supplementary foods for dietary use)excl prods of 13.1–13.4	GMP	EU(step 6); ISDI(step 3)		6
13.6	Food supplements	GMP	EU(step 6); ISDI(step 3)		6
14.1.2.2	Canned or bottled (pasteurized) vegetable juice	GMP	EU		6
14.1.2.4	Concentrate (liquid or solid) for vegetable juice	GMP	EU		6
14.1.4	Water-based flavoured drinks, incl. “sport” or “electrolyte” drinks & particulated drinks	5000 mg/kg	Japan		6
14.1.5	Coffee, coffee substitutes, tea, herbal infusions & other hot cereal & grain beverages excl cocoa	GMP	USA		6
<del>14.2.2</del>	<del>Cider &amp; perry</del>	<del>GMP</del>	<del>EU</del>		<del>6</del>
<del>14.2.4</del>	<del>Wines (other than grape)</del>	<del>GMP</del>	<del>EU</del>		<del>6</del>
14.2.6	Distilled spirituous beverages containing more than 15% alcohol	GMP	EU		6
14.2.7	Aromatized alcoholic beverages (e.g., beer, wine & spirituous cooler-type beverages, low alcoholic refreshers)	GMP	EU		6
15.1	Snacks – potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	20000 mg/kg	CAOBISCO		3
15.1	Snacks – potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	GMP	EU		6
15.2	Processed nuts, incl. covered nuts & nut mixtures (with e.g., dried fruit)	GMP	EU		6

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**Grape Skin Extract**

**INS:** 163ii

**Functional Effects:** Colour

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks)	GMP	Canada, EU, FIL-IDF		6
01.3.2	Beverage whiteners	GMP	EU		6
01.4	Cream (plain) & the like	GMP	EU(1.4.1-1.4.4)		6
01.5.2	Milk & cream powder analogues	GMP	EU		6
01.6.1	Unripened cheese	GMP	EU		6
01.6.2.1	Total ripened cheese, incl. rind	125 mg/kg	EU		6
01.6.2.2	Rind of ripened cheese	GMP	EU		6
01.6.3	Whey cheese	GMP	EU	Note 3	6
01.6.4.2	Flavoured processed cheese, incl. containing fruit, vegetables, meat, etc.	GMP	EU, FIL-IDF		6
01.6.5	Cheese analogues	GMP	EU		6
01.7	Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)	100 mg/kg	Thailand		6
02.2.1.2	Margarine & similar prods. (e.g., butter-margarine blends)	GMP	Canada		6
02.4	Fat-based desserts excl. dairy-based prods. of 01.7	GMP	EU		6
03.0	Edible ices, incl. sherbet & sorbet	1000 mg/kg	PRChina		3
03.0	Edible ices, incl. sherbet & sorbet	100 mg/kg	Thailand		6
04.1.1.2	Surface-treated fresh fruit	GMP	EU	Note 16	6
04.1.2.3	Fruit in vinegar, oil, or brine	GMP	EU		6
04.1.2.4	Canned or bottled (pasteurized) fruit	GMP	EU		6
04.1.2.5	Jams, jellies & marmelades	GMP	Canada, EU		6
04.1.2.6	Fruit-based spreads (e.g., chutney) excl. prods. of 04.1.2.5	500 mg/kg	EU		6
04.1.2.7	Candied fruit	GMP	EU		6
04.1.2.8	Fruit preparations, incl. pulp, purees, fruit toppings & coconut milk	GMP	EU		6
04.1.2.9	Fruit-based desserts, incl. fruit-flavoured water-based desserts	GMP	EU		6
04.1.2.10	Fermented fruit prods.	GMP	NATCOL		3
04.1.2.11	Fruit fillings for pastries	GMP	Canada		6
04.2.1.2	Surface-treated fresh vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	GMP	EU	Note 16	6
04.2.2.3	<del>Vegetables (incl. mushrooms &amp; fungi, roots &amp; tubers, pulses &amp; legumes [(incl. soybeans)], &amp; aloe vera) &amp; seaweeds in vinegar, oil, brine, or soy sauce</del>	500 mg/kg	EU		6
<b>04.2.2.3</b>	<b>Vegetables (incl. mushrooms &amp; fungi, roots &amp; tubers, pulses &amp; legumes [(incl. soybeans)],</b>	<b>GMP</b>	<b>Canada &amp; EU(step 6);</b>		<b>6</b>

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
	<b>&amp; aloe vera) &amp; seaweeds in vinegar, oil, brine, or soy sauce</b>		<b>NATCOL (step 3)</b>		
04.2.2.5	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweed, & nuts & seed purees & spreads (e.g., peanut butter)Vegetable, & nut & seed purees & spreads (e.g., peanut butter)	GMP	EU		6
04.2.2.6	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweed, & nut & seed pulps & preps. (e.g., vegetable desserts etc.) other than 04.2.2.5	GMP	EU		6
04.2.2.7	Fermented vegetable (including mushrooms & fungi, roots & tubers, pulses & legumes [(including soybeans)], & aloe vera), & seaweed products	GMP	NATCOL		3
<del>05.1.3</del>	<del>Cocoa-based spreads, incl. fillings</del>	<del>GMP</del>	<del>EU</del>		<del>6</del>
05.1.5	Imitation chocolate, chocolate substitute prods.	GMP	NATCOL, CAOBISCO		3
05.2	Confectionery incl. hard & soft candy, nougat, etc. other than 05.1, 05.3 & 05.4	GMP	EU		6
05.3	Chewing gum	10000 mg/kg	CAOBISCO [IFCGA@5000]		6
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) & sweet sauces	GMP	EU		6
06.3	Breakfast cereals, incl rolled oats	200 mg/kg	EU		6
06.5	Cereal & starch based desserts (e.g., rice pudding, tapioca pudding)	GMP	EU		6
07.0	Bakery wares	GMP	Canada(7.0); EU(7.2)		6
08.1.1	Fresh meat, poultry, & game, whole pieces or cuts	GMP	EU(8.0)	Note 16	6
08.1.2	Fresh meat, poultry, & game, comminuted	1000 mg/kg	Canada	Note 94	6
08.2	Processed meat, poultry, & game prods. in whole pieces or cuts	GMP	EU(8.0)	Note 16	6
08.3.1.1	Cured (incl. salted) non-heat treated processed comminuted meat, poultry, & game prods.	GMP	NATCOL [Canada(step 6) is the “exception” in Note 118]	Note 118	3
08.3.1.2	Cured (incl. salted) & dried non-heat treated processed comminuted meat, poultry & game prods.	GMP	EU(8.0)	Note 16	6
08.3.1.3	Fermented non-heat treated processed comminuted meat, poultry, & game prods.	GMP	EU(8.0)	Note 16	6
08.3.2	Heat-treated processed comminuted meat, poultry, & game prods.	GMP	EU(8.0)	Note 16	6
08.3.3	Frozen processed comminuted meat, poultry, & game prods.	GMP	EU(8.0)	Note 16	6
08.4	Edible casings (e.g., sausage casings)	GMP	EU		6
09.1.1	Fresh fish & fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU	Note 50	6
09.1.2	Fresh mollusks, crustaceans, & echinoderms	GMP	EU(9.0)	Note 16	6
09.2.1	Frozen fish, fish fillets, & fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU	Note 95	6
09.2.2	Frozen battered fish, fish fillets, & fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU(9.0)	Note 16	6
09.2.3	Frozen minced & creamed fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU(9.0)	Note 16	6
09.2.4.1	Cooked fish & fish prods.	GMP	Canada, EU		6
09.2.4.2	Cooked mollusks, crustaceans, & echinoderms	GMP	EU		6
09.2.4.3	Fried fish & fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU(9.0)	Note 16	6
09.2.5	Smoked, dried, fermented and/or salted fish & fish prods. incl. mollusks, crustaceans, & echinoderms	GMP	Canada, EU	Note 22	6
09.3.1	Fish & fish prods., incl. mollusks, crustaceans, & echinoderms, marinated and/or in jelly	GMP	EU(9.0)	Note 16	6

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
09.3.2	Fish & fish prods., incl. mollusks, crustaceans, & echinoderms, pickled and/or in brine	GMP	EU(9.0)	Note 16	6
09.3.3	Salmon substitutes, caviar, & other fish roe prods.	GMP	Canada, EU		6
09.3.4	Semi-preserved fish & fish prods., incl. mollusks, crustaceans, & echinoderms (e.g., fish paste), excl. prods. of 09.3.1 – 09.3.3	GMP	EU(9.0)	Note 16	6
<del>09.4</del>	<del>Fully preserved, incl. canned or fermented fish &amp; fish prods., incl. mollusks, crustaceans, &amp; echinoderms</del>	<del>500 mg/kg</del>	<del>EU</del>	<del>Note 95</del>	<del>6</del>
<b>09.4</b>	<b>Fully preserved, incl. canned or fermented fish &amp; fish prods., incl. mollusks, crustaceans, &amp; echinoderms</b>	<b>GMP</b>	<b>EU</b>	<b>Note 95</b>	<b>6</b>
10.1	Fresh eggs	GMP	EU	Notes 3 & 4	6
10.4	Egg-based desserts (e.g., custard)	GMP	EU		6
12.2	Herbs, spices, seasonings (incl. salt substitutes) & condiments(e.g., seasoning for instant noodles)	GMP	Canada		6
12.4	Mustards	GMP	EU		6
12.5	Soups & broths	GMP	EU		6
12.6.1	Emulsified sauces (e.g., mayonnaise, salad dressing)	GMP	EU		6
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	GMP	Canada, EU		6
12.6.3	Mixes for sauces & gravies	GMP	EU		6
12.7	Salads (e.g., macaroni salad, potato salad) & sandwich spreads excl. cocoa- & nut-based spreads of 04.2.2.5 & 05.1.3	GMP	EU		6
12.9	Protein prods.	GMP	EU		6
13.3.1	Dietetic foods for special medical purposes intended for adults	GMP	EU(step 6); ISDI(step 3)		6
13.4	Dietetic formulae for slimming purposes & weight reduction	GMP	EU(step 6); ISDI(step 3)		6
13.5	Dietetic foods (e.g.supplementary foods for dietary use)excl. prods of 13.1–13.4	GMP	EU(step 6); ISDI(step 3)		6
13.6	Food supplements	GMP	EU(step 6); ISDI(step 3)		6
14.1.3.2	Canned or bottled (pasteurized) vegetable nectar	GMP	EU		6
14.1.3.4	Concentrate (liquid or solid) for vegetable nectar	GMP	EU		6
14.1.4	Water-based flavoured drinks, incl. “sport” or “electrolyte” drinks & particulated drinks	500 mg/kg	ISDC		6
<b>14.2</b>	<b>Alcoholic beverages, incl. alcohol-free &amp; low-alcoholic counterparts</b>	<b>GMP</b>	<b>USA(14.2, 14.2.1 &amp; 14.2.7); EU (14.2.2, 14.2.3.2, 14.2.4, 14.2.6 &amp; 14.2.7); Canada (14.2.6); Japan (14.2.3.3)</b>		<b>6</b>
<del>14.2.1</del>	<del>Beer &amp; malt beverages</del>	<del>GMP</del>	<del>USA</del>		<del>6</del>
<del>14.2.2</del>	<del>Cider &amp; perry</del>	<del>GMP</del>	<del>EU</del>		<del>6</del>
<del>14.2.3.2</del>	<del>Sparkling &amp; semi sparkling wines</del>	<del>GMP</del>	<del>EU</del>		<del>6</del>
<del>14.2.3.3</del>	<del>Fortified wine, liquor wine, &amp; sweet wine</del>	<del>GMP</del>	<del>Japan</del>		<del>6</del>
<del>14.2.4</del>	<del>Wines (other than grape)</del>	<del>GMP</del>	<del>EU</del>		<del>6</del>
<del>14.2.6</del>	<del>Distilled spirituous beverages containing more than 15% alcohol</del>	<del>GMP</del>	<del>Canada, EU, USA</del>		<del>6</del>

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
14.2.7	Aromatized alcoholic beverages (e.g., beer, wine & spirituous cooler type beverages, low alcoholic refreshers)	GMP	EU, USA		6
15.1	Snacks – potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	GMP	EU		6
15.2	Processed nuts, incl. covered nuts & nut mixtures (with e.g., dried fruit)	GMP	EU		6
16.0	Composite foods – foods that could not be placed in 01 – 15	10 mg/kg	IFCGA, ICGMA		6

**Hydroxybenzoates, p-**

INS: 214, 216, 218

**Functional Effects:** Preservative

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
01.6.2	Ripened cheese	500 mg/kg	EU	Note 27	6
01.6.4	Processed cheese	300 mg/kg	EU	Note 27	6
01.6.5	Cheese analogues	500 mg/kg	EU	Note 27	6
01.7	Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)	120 mg/kg	Singapore	Note 27	6
02.2.1.2	Margarine & similar prods. (e.g., butter-margarine blends)	1000 mg/kg	Canada	Note 27	6
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	300 mg/kg	EU	Note 27	6
02.3	Fat emulsions other than 02.2, incl. mixed and/or flavoured prods. based on fat emulsions	300 mg/kg	EU	Note 27	6
03.0	Edible ices, incl. sherbet & sorbet	1000 mg/kg	Canada	Note 27	6
04.1.1.2	Surface-treated fresh fruit	12 mg/kg	Japan	Note 27	6
04.1.1.3	Peeled or cut fresh fruit	12 mg/kg	Korea	Note 27	6
04.1.2.1	Frozen fruit	800 mg/kg	Singapore	Note 27	6
04.1.2.2	Dried fruit	800 mg/kg	Singapore	Note 27	6
04.1.2.3	Fruit in vinegar, oil, or brine	800 mg/kg	Singapore	Note 27	6
04.1.2.4	Canned or bottled (pasteurized) fruit	800 mg/kg	Singapore	Note 27	6
04.1.2.5	Jams, jellies & marmelades	1000 mg/kg	Canada, Codex, Thailand & USA (step 6); Indonesia(step 3)	Note 27	6
04.1.2.6	Fruit-based spreads (e.g., chutney) excl. prods. of 04.1.2.5	1000 mg/kg	Canada	Note 27	6
04.1.2.7	Candied fruit	1000 mg/kg	Singapore	Note 27	6
04.1.2.8	Fruit preparations, incl. pulp, purees, fruit toppings & coconut milk	800 mg/kg	Singapore	Note 27	6
04.1.2.9	Fruit-based desserts, incl. fruit-flavoured water-based desserts	800 mg/kg	Singapore	Note 27	6
04.1.2.10	Fermented fruit prods.	800 mg/kg	Singapore	Note 27	6
04.1.2.11	Fruit fillings for pastries	800 mg/kg	Singapore	Note 27	6
04.2.1.2	Surface-treated fresh vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	12 mg/kg	Japan	Note 27	6
04.2.1.3	Peeled, cut or shredded vegetables (incl. mushrooms & fungi, roots & tubers, pulses &	12 mg/kg	Korea	Note 27	6

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
	legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds				
04.2.2.3	Vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera) & seaweeds in vinegar, oil, brine, or soy sauce	1000 mg/kg	Canada	Note 27	6
<del>04.2.2.4</del>	<del>Canned or bottled (pasteurized) or retort pouch vegetables (incl. mushrooms &amp; fungi, roots &amp; tubers, pulses &amp; legumes [(incl. soybeans)], &amp; aloe vera), &amp; seaweeds</del>	<del>300 mg/kg</del>	<del>EU</del>	<del>Note 27</del>	<del>6</del>
04.2.2.5	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweed, & nuts & seed purees & spreads (e.g., peanut butter)	1000 mg/kg	Canada	Note 27	6
04.2.2.6	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweed, & nut & seed pulps & preps. (e.g., vegetable desserts etc.) other than 04.2.2.5	1000 mg/kg	Canada(steps 6); Indonesia (step 3)	Note 27	6
<del>04.2.2.7</del>	<del>Fermented vegetable (including mushrooms &amp; fungi, roots &amp; tubers, pulses &amp; legumes [(including soybeans)], &amp; aloe vera), &amp; seaweed products</del>	<del>300 mg/kg</del>	<del>EU</del>	<del>Note 27</del>	<del>6</del>
05.1.1	Cocoa mixes (powders) & cocoa mass/cake	700 mg/kg	Singapore	Note 27	6
05.1.3	Cocoa-based spreads, incl. fillings	300 mg/kg	EU	Note 27	6
05.1.5	Imitation chocolate, chocolate substitute prods.	300 mg/kg	EU	Note 27	6
<del>05.2</del>	<del>Confectionery incl. hard &amp; soft candy, nougat, etc. other than 05.1, 05.3 &amp; 05.4</del>	<del>2000 mg/kg</del>	<del>EU</del>	<del>Note 27</del>	<del>6</del>
<b>05.2</b>	<b>Confectionery incl. hard &amp; soft candy, nougat, etc. other than 05.1, 05.3 &amp; 05.4</b>	<b>300 mg/kg</b>	<b>EU</b>	<b>Note 27</b>	<b>6</b>
05.3	Chewing gum	1500 mg/kg	CAOBISCO	Note 27	6
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) & sweet sauces	300 mg/kg	EU	Note 27	6
<del>07.2</del>	<del>Fine bakery wares (sweet, salty, savoury)</del>	<del>300 mg/kg</del>	<del>EU</del>	<del>Note 27</del>	<del>6</del>
<b>08.2.1.1</b>	<b>Cured (incl. salted) non-heat treated processed meat, poultry, &amp; game prods. in whole pieces or cuts</b>	<b>1000 mg/kg</b>	<b>EU</b>	<b>Notes 16 &amp; 27</b>	<b>6</b>
<del>08.2.1.2</del>	<del>Cured (incl. salted) &amp; dried non-heat treated processed meat, poultry, &amp; game prods. in whole pieces or cuts</del>	<del>GMP</del>	<del>EU</del>	<del>Notes 3 &amp; 27</del>	<del>6</del>
<b>08.2.1.2</b>	<b>Cured (incl. salted) &amp; dried non-heat treated processed meat, poultry, &amp; game prods. in whole pieces or cuts</b>	<b>1000 mg/kg</b>	<b>EU</b>	<b>Notes 16 &amp; 27</b>	<b>6</b>
<b>08.2.2</b>	<b>Heat-treated processed meat, poultry, &amp; game prods. in whole pieces or cuts</b>	<b>1000 mg/kg</b>	<b>EU</b>	<b>Notes 16 &amp; 27</b>	<b>6</b>
<b>08.3.1.1</b>	<b>Cured (incl. salted) non-heat treated processed comminuted meat, poultry &amp; game prods</b>	<b>1000 mg/kg</b>	<b>EU</b>	<b>Notes 16 &amp; 27</b>	<b>6</b>
<del>08.3.1.2</del>	<del>Cured (incl. salted) &amp; dried non-heat treated processed comminuted meat, poultry, &amp; game prods</del>	<del>GMP</del>	<del>EU</del>	<del>Notes 3 &amp; 27</del>	<del>6</del>
<b>08.3.1.2</b>	<b>Cured (incl. salted) &amp; dried non-heat treated processed comminuted meat, poultry, &amp; game prods.</b>	<b>1000 mg/kg</b>	<b>EU</b>	<b>Notes 16 &amp; 27</b>	<b>6</b>
<b>08.3.2</b>	<b>Heat-treated processed comminuted meat, poultry, &amp; game prods.</b>	<b>1000 mg/kg</b>	<b>EU</b>	<b>Note 27</b>	<b>6</b>
08.4	Edible casings (e.g., sausage casings)	36 mg/kg	EU	Note 27	6
09.3	Semi-preserved fish & fish prods., incl. mollusks, crustaceans, & echinoderms	1000 mg/kg	Canada(9.3 & 9.3.1)	Note 27	6
11.4	Other sugars & syrups (e.g., xylose, maple syrup, sugar toppings)	100 mg/kg	Japan	Note 27	6

**Appendix II**  
**Source Data and Recommendations of Quality Control Working Group for Additives Scheduled for Discussion by the 35<sup>th</sup> CCFAC**  
~~Strikeout~~ = recommended deletion; **Bold** = recommended change or addition

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
11.6	Table-top sweeteners, incl. those containing high-intensity sweeteners	1500 mg/kg	Brazil	Note 27	3
11.6	Table-top sweeteners, incl. those containing high-intensity sweeteners	GMP	ISA(step 3 & 6)	Note 27	6
12.3	Vinegars	100 mg/kg	Japan, Korea	Note 27	6
<del>12.4</del>	<del>Mustards</del>	<del>300 mg/kg</del>	<del>EU</del>	<del>Note 27</del>	<del>6</del>
<del>12.5</del>	<del>Soups &amp; broths</del>	<del>300 mg/kg</del>	<del>EU</del>	<del>Note 27</del>	<del>6</del>
12.6	Sauces and like prods.	1000 mg/kg	Thailand(12.6); Canada(12.6.2)	Note 27	6
<del>12.7</del>	<del>Salads (e.g., macaroni salad, potato salad) &amp; sandwich spreads excl. cocoa &amp; nut based spreads of 04.2.2.5 &amp; 05.1.3</del>	<del>300 mg/kg</del>	<del>EU</del>	<del>Note 27</del>	<del>6</del>
13.6	Food supplements	2000 mg/kg	IASDA	Note 27	3
14.1.2	Fruit & vegetable juices	1000 mg/kg	ISDC(14.1.2-step 6); ILSI (14.1.2.1-step 6); Canada (14.1.2.1 & 14.1.2.2-step 6); Indonesia (14.1.2.1-step 3)	Note 27	6
14.1.3	Fruit & vegetable nectars	200 mg/kg	Thailand	Note 27	6
14.1.4	Water-based flavoured drinks, incl. “sport” or “electrolyte” drinks & particulated drinks	1000 mg/kg	Canada & ISDC (14.1.4); ILSI (14.1.4.1, 14.1.4.2 & 14.1.4.3-ffb)	Note 27	6
14.1.5	Coffee, coffee substitutes, tea, herbal infusions&other hot cereal &grain beverages excl cocoa	450 mg/kg	Singapore	Note 27	6
<del>14.2.1</del>	<del>Beer &amp; malt beverages</del>	<del>200 mg/kg</del>	<del>EU</del>	<del>Note 27</del>	<del>6</del>
<b>14.2.1</b>	<b>Beer &amp; malt beverages</b>	<b>70 mg/kg</b>	<b>Singapore</b>	<b>Note 27</b>	<b>6</b>
14.2.2	Cider & perry	200 mg/kg	USA	Note 27	6
<del>14.2.3</del>	<del>Grape wines</del>	<del>50 mg/kg</del>	<del>Korea</del>	<del>Note 27</del>	<del>6</del>
14.2.4	Wines (other than grape)	200 mg/kg	USA	Note 27	6
14.2.5	Mead	200 mg/kg	USA	Note 27	6
14.2.7	Aromatized alcoholic beverages (e.g., beer, wine & spirituous cooler-type beverages, low alcoholic refreshers)	1000 mg/kg	Canada	Note 27	6
15.1	Snacks – potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	1000 mg/kg	CAOBISCO	Note 27	3
15.1	Snacks – potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	300 mg/kg	EU	Note 27	6
15.2	Processed nuts, incl. covered nuts & nut mixtures (with e.g., dried fruit)	300 mg/kg	EU	Note 27	6
16.0	Composite foods – foods that could not be placed in 01 – 15	1000 mg/kg	Canada	Note 27	6

**Mineral Oil**

INS: 905a

**Functional Effects:** Adjuvant, Antioxidant, Glazing Agent, Humectant, Release Agent

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
04.1.1.2	Surface-treated fresh fruit	GMP	USA		6



**Appendix II**  
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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
04.1.2.2	Dried fruit	5000 mg/kg	Codex		6
<del>04.2.1.2</del>	<del>Surface treated fresh vegetables (incl. mushrooms &amp; fungi, roots &amp; tubers, pulses &amp; legumes [(incl. soybeans)], &amp; aloe vera), seaweeds, &amp; nuts &amp; seeds</del>	<del>GMP</del>	<del>USA</del>		6
<del>04.2.2.2</del>	<del>Dried vegetables (incl. mushrooms &amp; fungi, roots &amp; tubers, pulses &amp; legumes [(incl. soybeans)], &amp; aloe vera), seaweeds, &amp; nuts &amp; seeds</del>	<del>200 mg/kg</del>	<del>USA</del>		6
04.2.2.4	Canned or bottled (pasteurized) or retort pouch vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), & seaweeds	200 mg/kg	USA		6
05.0	Confectionery	5000 mg/kg	PRChina	Note 3	3
05.0	Confectionery	3000 mg/kg	Canada	Note 3	6
<del>06.1</del>	<del>Whole, broken, or flaked grain, including rice</del>	<del>200 mg/kg</del>	<del>USA</del>	<del>Note 98</del>	6
<del>06.2</del>	<del>Flours &amp; starches</del>	<del>3000 mg/kg</del>	<del>USA</del>		6
<del>07.0</del>	<del>Bakery wares</del>	<del>3000 mg/kg</del>	<del>Canada</del>	<del>Note 3</del>	6
<b>07.0</b>	<b>Bakery wares</b>	<b>3000 mg/kg</b>	<b>Canada</b>	<b>Note 121</b>	<b>6</b>
<del>08.2.3</del>	<del>Frozen processed meat, poultry, &amp; game products in whole pieces or cuts</del>	<del>950 mg/kg</del>	<del>USA</del>	<del>Note 3</del>	6
<del>08.3.3</del>	<del>Frozen processed comminuted meat, poultry, &amp; game products</del>	<del>950 mg/kg</del>	<del>USA</del>	<del>Note 3</del>	6
08.4	Edible casings (e.g., sausage casings)	50000 mg/kg	Canada		6
10.1	Fresh eggs	5000 mg/kg	PRChina	Note 3	3
<del>10.2.3</del>	<del>Dried and/or heat coagulated egg products</del>	<del>1000 mg/kg</del>	<del>USA</del>		6
12.2	Herbs, spices, seasonings (incl. salt substitutes) & condiments (e.g., seasoning for instant noodles)	6000 mg/kg	Canada		6
12.6	Sauces & like products	6000 mg/kg	USA		6
<del>12.8</del>	<del>Yeast &amp; like products</del>	<del>1500 mg/kg</del>	<del>USA</del>		6
<del>13.6</del>	<del>Food supplements</del>	<del>6000 mg/kg</del>	<del>USA</del>		6

**Mineral Oil (High Viscosity)**

INS: 905a

**Functional Effects:** Glazing Agent, Release Agent

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
<b>05.1</b>	<b>Cocoa prods. &amp; chocolate prods. including imitations &amp; chocolate substitutes</b>	<b>2000 mg/kg</b>	<b>USA(5.0)</b>	<b>Note 3</b>	<b>6</b>
<b>05.2</b>	<b>Decorations (e.g., for fine bakery wares), toppings (non-fruit) &amp; sweet sauces</b>	<b>2000 mg/kg</b>	<b>USA(5.0)</b>	<b>Note 3</b>	<b>6</b>
05.3	Chewing gum	20000 mg/kg	IFCGA		6
<b>05.4</b>	<b>Confectionery including hard &amp; soft candy, nougat, etc. other than 05.1, 05.3 &amp; 05.4</b>	<b>2000 mg/kg</b>	<b>USA(5.0)</b>	<b>Note 3</b>	<b>6</b>
06.1	Whole, broken, or flaked grain, including rice	800 mg/kg	USA	Note 98	3
<b>07.0</b>	<b>Bakery wares</b>	<b>1500 mg/kg</b>	<b>USA</b>	<b>Note 123</b>	<b>6</b>
<b>08.2.3</b>	<b>Frozen processed meat, poultry, &amp; game products in whole pieces or cuts</b>	<b>950 mg/kg</b>	<b>USA</b>	<b>Note 3</b>	<b>6</b>
<b>08.3.3</b>	<b>Frozen processed comminuted meat, poultry, &amp; game products</b>	<b>950 mg/kg</b>	<b>USA</b>	<b>Note 3</b>	<b>6</b>

## Appendix II

### Source Data and Recommendations of Quality Control Working Group for Additives Scheduled for Discussion by the 35<sup>th</sup> CCFAC

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Mineral Oil (Medium & Low Viscosity, Class I)

INS: 905a

Functional Effects: Glazing Agent, Release Agent

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
<b>05.0</b>	<b>Confectionery</b>	<b>2000 mg/kg</b>	<b>USA</b>	<b>Note 3</b>	<b>6</b>
<del>05.3</del>	<del>Chewing gum</del>	<del>20000 mg/kg</del>	<del>IFCGA</del>		<del>6</del>
<b>07.1.1</b>	<b>Breads &amp; rolls</b>	<b>1000 mg/kg</b>	<b>Japan</b>	<b>Notes 36 &amp; 124</b>	<b>6</b>

Mineral Oil (Medium & Low Viscosity, Classes II & III)

INS: 905a

Functional Effects: Glazing Agent, Release Agent

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
<b>04.1.1.2</b>	<b>Surface-treated fresh fruit</b>	<b>GMP</b>	<b>USA</b>	<b>Note 125</b>	<b>6</b>
<b>04.1.2.2</b>	<b>Dried fruit</b>	<b>2000 mg/kg</b>	<b>USA</b>	<b>Note 125</b>	<b>6</b>
<b>04.2.1.2</b>	<b>Surface-treated fresh vegetables (incl. mushrooms &amp; fungi, roots &amp; tubers, pulses &amp; legumes [(incl. soybeans)], &amp; aloe vera), seaweeds, &amp; nuts &amp; seeds</b>	<b>GMP</b>	<b>USA</b>	<b>Note 125</b>	<b>6</b>
<b>04.2.2.2</b>	<b>Dried vegetables (incl. mushrooms &amp; fungi, roots &amp; tubers, pulses &amp; legumes [(incl. soybeans)], &amp; aloe vera), seaweeds, &amp; nuts &amp; seeds</b>	<b>200 mg/kg</b>	<b>USA</b>	<b>Note 125</b>	<b>6</b>
<b>05.0</b>	<b>Confectionery</b>	<b>2000 mg/kg</b>	<b>USA</b>	<b>Note 3</b>	<b>6</b>
<del>05.3</del>	<del>Chewing gum</del>	<del>10000 mg/kg</del>	<del>IFCGA</del>		<del>6</del>
<b>06.1</b>	<b>Whole, broken, or flaked grain, including rice</b>	<b>200 mg/kg</b>	<b>USA</b>	<b>Notes 98 &amp; 125</b>	<b>6</b>
<b>07.0</b>	<b>Bakery wares</b>	<b>1500 mg/kg</b>	<b>USA</b>	<b>Notes 125 &amp; 126</b>	<b>6</b>
<b>13.6</b>	<b>Food supplements</b>	<b>6000 mg/kg</b>	<b>USA</b>	<b>Note 125</b>	<b>6</b>

Nisin

INS: 234

Functional Effects: Preservative

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
01.0	Dairy prods., excl. prods. of 02.0	500 mg/kg	PRChina	Note 28	3
01.4.3	Clotted cream	10 mg/kg	EU, FIL-IDF	Note 28	6
01.6.1	Unripened cheese	12.5 mg/kg	Chile & FIL-IDF(1.6-step 6); Codex(1.6.1-step 3)	Note 28	6
01.6.2	Ripened cheese	12.5 mg/kg	Chile & FIL-IDF(1.6); EU(1.6.2); Codex(1.6.2.1)	Note 28	6
01.6.3	Whey cheese	12.5 mg/kg	Chile & FIL-IDF(1.6)	Note 28	6
01.6.4	Processed cheese	250 mg/kg	USA(1.6.4.1 & 1.6.4.2)	Note 28	6
01.6.5	Cheese analogues	12.5 mg/kg	Chile & FIL-IDF(1.6)	Note 28	6
01.6.6	Whey protein cheese	12.5 mg/kg	Chile & FIL-IDF(1.6)	Note 28	6
04.2.2.4	Canned or bottled (pasteurized) or retort pouch vegetables (incl.	GMP	Australia	Note 28	6

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
	mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), & seaweeds				
06.5	Cereal & starch based desserts (e.g., rice pudding, tapioca pudding)	3 mg/kg	EU	Note 28	6
07.2	Fine bakery wares (sweet, salty, savoury)	250 mg/kg	Australia	Note 28	6
08.0	Meat & meat prods., incl. poultry & game	500 mg/kg	PRChina	Note 28	3
12.5.1	Ready-to-eat soups & broths, incl. canned, bottled, & frozen	GMP	Australia	Note 28	6
12.9	Protein prods.	200 mg/kg	PRChina	Note 28	3

**Phosphatidic Acid, Ammonium Salt**

**INS:** 442

**Functional Effects:** Emulsifier, Stabilizer

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks)	GMP	Canada		6
01.4	Cream (plain) & the like	GMP	Canada		6
01.7	Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)	5000 mg/kg	Canada		6
03.0	Edible ices, incl. sherbet & sorbet	7500 mg/kg	Canada		6
04.2.2.3	Vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera) & seaweeds in vinegar, oil, brine, or soy sauce	GMP	Canada		6
05.1.1	Cocoa mixes (powders) & cocoa mass/cake	10000 mg/kg	Codex	Note 97	6
05.1.4	Cocoa & chocolate prods.	10000 mg/kg	EU, EFEMA		6
05.1.5	Imitation chocolate, chocolate substitute prods.	10000 mg/kg	EU, EFEMA		6
07.1.1	Breads & rolls	GMP	Canada		6

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**Polysorbates**

**INS:** 432 – 436

**Functional Effects:** Antifoaming Agent, Adjuvant, Emulsifier, Foaming Agent, Flour Treatment Agent, Stabilizer

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks)	5000 mg/kg	Canada & Mexico(step 6); Indonesia(step 3)		6
01.3.2	Beverage whiteners	5000 mg/kg	EU, SAfrica		6
01.4	Cream (plain) & the like	1000 mg/kg	Indonesia		3
01.4.2	Sterilized, UHT, whipping or whipped, & reduced fat creams	3000 mg/kg	Brazil		6
01.4.4	Cream analogues	5000 mg/kg	EU, EFEMA		6
01.5.2	Milk & cream powder analogues	4000 mg/kg	Canada		6
01.6.1	Unripened cheese	80 mg/kg	Canada, USA	Note 38	6
<del>01.7</del>	<del>Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)</del>	<del>6000 mg/kg</del>	<del>EU</del>		<del>6</del>
<b>01.7</b>	<b>Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)</b>	<b>5000 mg/kg</b>	<b>Brazil</b>		<b>6</b>
02.0	Fats & oils, & fat emulsions (type water-in-oil)	10000 mg/kg	USA(2.1 & 2.1.3-step 6); EU(2.2, 2.2.1.2, 2.2.2 & 2.3-step 6); SAfrica (2.2.2 & 2.4-step 6) Codex(2.2.2-step 6); Indonesia (2.2.1.2-step 3)		6
03.0	Edible ices, incl. sherbet & sorbet	10000 mg/kg	Indonesia		3
03.0	Edible ices, incl. sherbet & sorbet	5000 mg/kg	Uruguay		6
04.1.2.8	Fruit preparations, incl. pulp, purees, fruit toppings & coconut milk	1000 mg/kg	Thailand		3
04.1.2.9	Fruit-based desserts, incl. fruit-flavoured water-based desserts	3000 mg/kg	EU		6
04.1.2.11	Fruit fillings for pastries	5000 mg/kg	Brazil, Canada		6
04.2.2.3	Vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera) & seaweeds in vinegar, oil, brine, or soy sauce	500 mg/kg	Brazil, Canada, Codex & USA(step 6); Indonesia(step 3)		6
04.2.2.4	Canned or bottled (pasteurized) or retort pouch vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), & seaweeds	30 mg/kg	USA	Notes 7 & 100	6
04.2.2.6	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweed, & nut & seed pulps & preps. (e.g., vegetable desserts etc.) other than 04.2.2.5	3000 mg/kg	EU		6
05.1.2	Cocoa mixes (syrups)	500 mg/kg	USA		6
05.1.3	Cocoa-based spreads, incl. fillings	4600 mg/kg	USA		6
05.1.4	Cocoa & chocolate prods.	10000 mg/kg	Codex & SAfrica(step 6); Indonesia(step 3)		6
05.1.5	Imitations chocolate, chocolate substitute prods.	5000 mg/kg	Brazil, Canada		6
05.2	Confectionery incl hard & soft candy, nougat, etc other than 05.1, 05.3& 05.4	10000 mg/kg	Canada(step 6); NFPA(step 3)		6
05.3	Chewing gum	20000 mg/kg	IFCGA		6

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) & sweet sauces	7000 mg/kg	Canada(step 6); NFPA(step 3)		6
06.4.2	Dried pastas & noodles & like prods.	5000mg/kg	Thailand		3
06.4.3	Pre-cooked pastas & noodles & like prods.	5000 mg/kg	Thailand		3
06.5	Cereal & starch based desserts (e.g., rice pudding, tapioca pudding)	3000 mg/kg	EU		6
06.6	Batters (e.g., for breading or batters for fish or poultry)	5000 mg/kg	Canada	Note 2	6
07.1.1	Breads & rolls	3000 mg/kg	Uruguay		3
07.1.2	Crackers, excl. sweet crackers	5000 mg/kg	Brazil & USA(7.1)	Note 11	6
07.1.3	Other ordinary bakery prods. (e.g., bagels, pita, English muffins)	10000 mg/kg	Brazil	Note 11	6
07.1.4	Bread-type prods, incl. bread stuffing & bread crumbs	5000 mg/kg	Brazil & USA(7.1)	Note 11	6
07.1.5	Steamed breads & buns	5000 mg/kg	Brazil & USA(7.1)	Note 11	6
07.2	Fine bakery wares (sweet, salty, savoury)	5000 mg/kg	Brazil(7.2, 7.2.3 & 7.2.3-ffb -> 7.2.1 & 7.2.2 –step 6); Canada(7.2.3-step 6); Indonesia(7.2.3-step 3)		6
08.2	Processed meat, poultry, & game prods. in whole pieces or cuts	10000 mg/kg	USA		6
08.3	Processed comminuted meat, poultry, & game prods	10000 mg/kg	USA		6
08.4	Edible casings (e.g., sausage casings)	1500 mg/kg	Canada		6
10.4	Egg-based desserts (e.g., custard)	5000 mg/kg	Brazil		6
12.1	Salt	10 mg/kg	Canada, Codex, USA		6
12.2	Herbs, spices, seasonings (incl. salt substitutes) & condiments (e.g., seasoning for instant noodles)	4600 mg/kg	SAfrica(step 6); GMA & NFPA(step 3)		6
12.5	Soups & broths	1000 mg/kg	EU(12.5); EFEMA(12.5.2)		6
12.6.1	Emulsified sauces (e.g., mayonnaise, salad dressing)	5000 mg/kg	EU, EFEMA		6
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	4600 mg/kg	SAfrica(12.6)		6
12.6.3	Mixes for sauces & gravies	5000 mg/kg	EU		6
12.6.4	Clear sauces (e.g., soy sauce, fish sauce)	4600 mg/kg	SAfrica(12.6)		6
12.7	Salads (e.g., macaroni salad, potato salad) & sandwich spreads excl. cocoa- & nut-based spreads of 04.2.2.5 & 05.1.3	2000 mg/kg	Canada		6
<del>12.8</del>	<del>Yeast &amp; like prods.</del>	<del>4 mg/kg</del>	<del>USA</del>		<del>6</del>
12.9	Protein prods.	4000 mg/kg	Brazil	Note 15	6
13.3.1	Dietetic foods for special medical purposes intended for adults	1000 mg/kg	EU & EFEMA(step 6); ISDI(step 3)		6
13.4	Dietetic formulae for slimming purposes & weight reduction	1000 mg/kg	EU & EFEMA(step 6); ISDI(step 3)		6
<del>13.5</del>	<del>Dietetic foods (e.g., supplementary foods for dietary use) excl. prods. of 13.1–13.4</del>	<del>360 mg/dose</del>	<del>USA</del>		<del>6</del>
<b>13.5</b>	<b>Dietetic foods (e.g., supplementary foods for dietary use) excl. prods. of 13.1–13.4</b>	<b>GMP</b>	<b>EU</b>		<b>6</b>
13.6	Food supplements	790 mg/kg	USA	Note 101	6

**Appendix II**  
**Source Data and Recommendations of Quality Control Working Group for Additives Scheduled for Discussion by the 35<sup>th</sup> CCFAC**  
~~Strikeout~~ = recommended deletion; **Bold** = recommended change or addition

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
14.1.4.1	Carbonated drinks	500 mg/kg	GMA & ICGMA(14.1.4 step 6); Canada (14.1.4.3 ffb → 14.1.4.1 & 14.1.4.2 → 14.1.4 step 6); Indonesia(14.1.4.3 → 14.1.4.1 & 14.1.4.2 → 14.1.4 → step 3)		6
<b>14.1.4.1</b>	<b>Carbonated drinks</b>	<b>1000 mg/kg</b>	<b>SAfrica(14.1.4)</b>		<b>6</b>
14.1.4.2	<del>Non-carbonated drinks, incl. punches &amp; ades</del>	500 mg/kg	GMA & ICGMA(14.1.4 step 6); Canada (14.1.4.3 ffb → 14.1.4.1 & 14.1.4.2 → 14.1.4 step 6); Indonesia(14.1.4.3 → 14.1.4.1 & 14.1.4.2 → 14.1.4 → step 3)		6
<b>14.1.4.2</b>	<b>Non-carbonated drinks, incl. punches &amp; ades</b>	<b>1000 mg/kg</b>	<b>SAfrica(14.1.4)</b>		<b>6</b>
14.1.4.3	Concentrates (liquid or solid) for drinks	45000 mg/kg	USA	Note 102	6
14.2.6	Distilled spirituous beverages containing more than 15% alcohol	120 mg/kg	Thailand		6
14.2.7	Aromatized alcoholic beverages (e.g., beer, wine & spirituous cooler-type beverages, low alcoholic refreshers)	120 mg/kg	Canada		6
16.0	Composite foods – foods that could not be placed in 01 – 15	2000 mg/kg	Canada		6

**Riboflavines**

INS: 101i, 101ii

Functional Effects: Colour

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
01.1.2	<del>Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks)</del>	GMP	Brazil, Canada, EU, SAfrica, FIL-IDF		6
<b>01.1.2</b>	<b>Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks)</b>	<b>50 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
01.3.2	Beverage whiteners	GMP	EU		6
01.4	Cream (plain) & the like	GMP	EU(1.4.1-1.4.4)		6
01.5.2	Milk & cream powder analogues	GMP	EU		6
01.6.1	Unripened cheese	GMP	Canada & EU(step 6); Codex(step 3)		6
01.6.2.1	Total ripened cheese, incl. rind	GMP	Canada, Codex & FIL-IDF		6
<del>01.6.2.2</del>	<del>Rind of ripened cheese</del>	<del>GMP</del>	<del>Brazil, EU, SAfrica</del>		<del>6</del>
<b>01.6.2.2</b>	<b>Rind of ripened cheese</b>	<b>200 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
01.6.3	Whey cheese	GMP	EU	Note 3	6
01.6.4	Processed cheese	GMP	Canada & SAfrica (1.6.4.1 & 1.6.4/2 step 6); Codex(1.6.1 step 6); EU & FIL-IDF(1.6.4.2-step 6); Indonesia(1.6.4 step 3)		6

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
<b>01.6.4</b>	<b>Processed cheese</b>	<b>100 mg/kg</b>	<b>SAfrica(1.6.4.1 &amp; 1.6.4.2)</b>		<b>6</b>
01.6.5	Cheese analogues	GMP	EU		6
<del>01.7</del>	<del>Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)</del>	<del>GMP</del>	<del>Brazil, EU, SAfrica, FIL IDF</del>		<del>6</del>
<b>01.7</b>	<b>Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)</b>	<b>200 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
02.0	Fats & oils, & fat emulsions (type water-in-oil)	GMP	Brazil(2.0, 2.1.2, 2.2.1.1, 2.2.1.2, 2.3 & 2.4); SAfrica(2.1 & 2.4); Canada(2.2.1.2); EU(2.4)		6
<b>02.1</b>	<b>Fats &amp; oils essentially free from water</b>	<b>100 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
<b>02.2</b>	<b>Fat emulsions mainly of type water-in-oil</b>	<b>GMP</b>	<b>Brazil(2.0, 2.2.1.1 &amp; 2.2.1.2); Canada(2.2.1.2)</b>		<b>6</b>
<b>02.3</b>	<b>Fat emulsions other than 02.2, incl. mixed and/or flavoured prods. based on fat emulsions</b>	<b>GMP</b>	<b>Brazil(2.0 &amp; 2.3)</b>		<b>6</b>
<b>02.4</b>	<b>Fat-based desserts excl. dairy-based prods. of 01.7</b>	<b>250 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
03.0	Edible ices, incl. sherbet & sorbet	500 mg/kg	Japan		6
04.1.1.2	Surface-treated fresh fruit	GMP	EU	Note 16	6
04.1.2.3	Fruit in vinegar, oil, or brine	GMP	EU		6
<del>04.1.2.4</del>	<del>Canned or bottled (pasteurized) fruit</del>	<del>GMP</del>	<del>Brazil, EU, SAfrica</del>		<del>6</del>
<b>04.1.2.4</b>	<b>Canned or bottled (pasteurized) fruit</b>	<b>100 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
04.1.2.5	Jams, jellies & marmelades	200 mg/kg	Brazil, SAfrica		6
04.1.2.6	Fruit-based spreads (e.g., chutney) excl. prods. of 04.1.2.5	500 mg/kg	EU		6
<del>04.1.2.7</del>	<del>Candied fruit</del>	<del>GMP</del>	<del>EU, SAfrica</del>		<del>6</del>
<b>04.1.2.7</b>	<b>Candied fruit</b>	<b>200 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
04.1.2.8	Fruit preparations, incl. pulp, purees, fruit toppings & coconut milk	GMP	EU		6
<del>04.1.2.9</del>	<del>Fruit based desserts, incl. fruit flavoured water based desserts</del>	<del>GMP</del>	<del>Brazil, EU, SAfrica</del>		<del>6</del>
<b>04.1.2.9</b>	<b>Fruit-based desserts, incl. fruit-flavoured water-based desserts</b>	<b>200 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
04.1.2.11	Fruit fillings for pastries	GMP	Brazil		6
04.2.1.2	Surface-treated fresh vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	GMP	EU	Note 16	6
04.2.2.2	Dried vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	10 mg/kg	BasicFood		6
<del>04.2.2.3</del>	<del>Vegetables (incl. mushrooms &amp; fungi, roots &amp; tubers, pulses &amp; legumes [(incl. soybeans)], &amp; aloe vera) &amp; seaweeds in vinegar, oil, brine, or soy sauce</del>	<del>500 mg/kg</del>	<del>EU</del>		<del>6</del>
<b>04.2.2.3</b>	<b>Vegetables (incl. mushrooms &amp; fungi, roots &amp; tubers, pulses &amp; legumes [(incl. soybeans)], &amp; aloe vera) &amp; seaweeds in vinegar, oil, brine, or soy sauce</b>	<b>350 mg/kg</b>	<b>SAfrica</b>	<b>Note 122</b>	<b>6</b>
<del>04.2.2.4</del>	<del>Canned or bottled (pasteurized) or retort pouch vegetables (incl. mushrooms &amp; fungi, roots &amp; tubers, pulses &amp; legumes [(incl. soybeans)], &amp; aloe vera), &amp; seaweeds</del>	<del>GMP</del>	<del>SAfrica</del>		<del>6</del>

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
<b>04.2.2.4</b>	<b>Canned or bottled (pasteurized) or retort pouch vegetables (incl. mushrooms &amp; fungi, roots &amp; tubers, pulses &amp; legumes [(incl. soybeans)], &amp; aloe vera), &amp; seaweeds</b>	<b>150 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
04.2.2.6	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweed, & nut & seed pulps & preps. (e.g., vegetable desserts etc.) other than 04.2.2.5	GMP	EU		6
05.1	Cocoa prods. & chocolate prods. incl. imitations & chocolate substitutes	GMP	Brazil(5.0 & 5.1.3); EU(5.1.3)		6
<del>05.2</del>	<del>Confectionery incl. hard &amp; soft candy, nougat, etc. other than 05.1, 05.3 &amp; 05.4</del>	<del>GMP</del>	<del>Brazil(5.0 &amp; 5.2), EU &amp; SAfrica(5.2)</del>		<del>6</del>
<b>05.2</b>	<b>Confectionery incl. hard &amp; soft candy, nougat, etc. other than 05.1, 05.3 &amp; 05.4</b>	<b>200 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
05.3	Chewing gum	1000 mg/kg	CAOBISCO [IFCGA@300]		6
<del>05.4</del>	<del>Decorations (e.g., for fine bakery wares), toppings (non fruit) &amp; sweet sauces</del>	<del>GMP</del>	<del>Brazil(5.0 &amp; 5.4); EU &amp; SAfrica(5.4)</del>		<del>6</del>
<b>05.4</b>	<b>Decorations (e.g., for fine bakery wares), toppings (non-fruit) &amp; sweet sauces</b>	<b>100 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
<del>06.3</del>	<del>Breakfast cereals, incl. rolled oats</del>	<del>GMP</del>	<del>Brazil, EU, SAfrica</del>		<del>6</del>
<b>06.3</b>	<b>Breakfast cereals, incl. rolled oats</b>	<b>100 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
06.4.2	Dried pastas & noodles & like prods.	GMP	Brazil		6
06.4.3	Pre-cooked pastas & noodles & like prods.	GMP	Brazil		6
<del>06.5</del>	<del>Cereal &amp; starch-based desserts (e.g., rice pudding, tapioca pudding)</del>	<del>GMP</del>	<del>Brazil, EU, SAfrica</del>		<del>6</del>
<b>06.5</b>	<b>Cereal &amp; starch based desserts (e.g., rice pudding, tapioca pudding)</b>	<b>100 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
06.6	Batters (e.g., for breading or batters for fish or poultry)	GMP	Brazil		6
<del>07.0</del>	<del>Bakery wares</del>	<del>GMP</del>	<del>Canada(7.0); Brazil(7.1.4); EU&amp;SAfrica(7.2)</del>		<del>6</del>
<b>07.1</b>	<b>Bread &amp; ordinary bakery wares</b>	<b>GMP</b>	<b>Canada(7.0); Brazil(7.1.4)</b>		<b>6</b>
<b>07.2</b>	<b>Fine bakery wares (sweet, salty, savoury)</b>	<b>100 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
08.0	Meat & meat prods., incl. poultry & game	1000 mg/kg	NATCOL(8.0); Canada(8.1.2 & 8.3.1.1)		6
09.1.1	Fresh fish & fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU	Note 50	6
09.1.2	Fresh mollusks, crustaceans, & echinoderms	GMP	EU(9.0)	Note 16	6
09.2.1	Frozen fish, fish fillets, & fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU	Note 95	6
09.2.2	Frozen battered fish, fish fillets, & fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU(9.0)	Note 16	6
09.2.3	Frozen minced & creamed fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU(9.0)	Note 16	6
09.2.4.1	Cooked fish & fish prods.	GMP	Canada, EU		6
09.2.4.2	Cooked mollusks, crustaceans, & echinoderms	GMP	EU		6
09.2.4.3	Fried fish & fish prods., incl. mollusks, crustaceans, & echinoderms	GMP	EU(9.0)	Note 16	6
<del>09.2.5</del>	<del>Smoked, dried, fermented and/or salted fish &amp; fish prods. incl. mollusks, crustaceans &amp; echinoderms</del>	<del>GMP</del>	<del>Canada, EU, SAfrica</del>	<del>Note 22</del>	<del>6</del>
<b>09.2.5</b>	<b>Smoked, dried, fermented and/or salted fish &amp; fish prods. incl. mollusks, crustaceans &amp; echinoderms</b>	<b>200 mg/kg</b>	<b>SAfrica</b>	<b>Note 22</b>	<b>6</b>
09.3.1	Fish & fish prods., incl. mollusks, crustaceans, & echinoderms, marinated and/or in	GMP	EU(9.0)	Note 16	6



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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
	jelly				
09.3.2	Fish & fish prods., incl. mollusks, crustaceans, & echinoderms, pickled and/or in brine	GMP	EU(9.0)	Note 16	6
<del>09.3.3</del>	<del>Salmon substitutes, caviar, &amp; other fish roe prods.</del>	<del>GMP</del>	<del>Canada, SAfrica</del>		<del>6</del>
<b>09.3.3</b>	<b>Salmon substitutes, caviar, &amp; other fish roe prods.</b>	<b>100 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
<del>09.3.4</del>	<del>Semi-preserved fish &amp; fish prods., incl. mollusks, crustaceans, &amp; echinoderms (e.g., fish paste), excl. prods. of 09.3.1 – 09.3.3</del>	<del>GMP</del>	<del>SAfrica</del>		<del>6</del>
<b>09.3.4</b>	<b>Semi-preserved fish &amp; fish prods., incl. mollusks, crustaceans, &amp; echinoderms (e.g., fish paste), excl. prods. of 09.3.1 – 09.3.3</b>	<b>100 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
09.4	Fully preserved, incl. canned or fermented fish & fish prods., incl. mollusks, crustaceans, & echinoderms	500 mg/kg	EU		6
10.1	Fresh eggs	GMP	EU	Notes 3 & 4	6
10.4	Egg-based desserts (e.g., custard)	GMP	Brazil, EU		6
11.3	Sugar solutions & syrups, also (partially) inverted, incl. treacle & molasses, excl. prods. of 11.1.3	GMP	Canada		6
11.4	Other sugars & syrups (e.g., xylose, maple syrup, sugar toppings)	GMP	Canada		6
<del>12.2</del>	<del>Herbs, spices, seasonings (incl. salt substitutes) &amp; condiments (e.g., seasoning for instant noodles)</del>	<del>GMP</del>	<del>SAfrica</del>		<del>6</del>
<b>12.2</b>	<b>Herbs, spices, seasonings (incl. salt substitutes) &amp; condiments (e.g., seasoning for instant noodles)</b>	<b>350 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
12.4	Mustards	GMP	EU		6
12.5.1	Ready-to-eat soups & broths, incl. canned, bottled, & frozen	200 mg/kg	Codex		6
<del>12.5.2</del>	<del>Mixes for soups &amp; broths</del>	<del>30 mg/kg</del>	<del>NATCOL</del>		<del>6</del>
<b>12.5.2</b>	<b>Mixes for soups &amp; broths</b>	<b>150 mg/kg</b>	<b>SAfrica(12.5)</b>		<b>6</b>
<del>12.6</del>	<del>Sauces &amp; like prods.</del>	<del>GMP</del>	<del>EU(12.6.1-12.6.3 step 6); Brazil &amp; SAfrica(12.6 step 6); Canada(12.6.2 step 6); CIMCEE (12.6 step 3)</del>		<del>6</del>
<b>12.6</b>	<b>Sauces &amp; like prods.</b>	<b>350 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
12.7	Salads (e.g., macaroni salad, potato salad) & sandwich spreads excl. cocoa- & nut-based spreads of 04.2.2.5 & 05.1.3	GMP	EU		6
12.9	Protein prods.	GMP	Brazil, EU		6
13.3.1	Dietetic foods for special medical purposes intended for adults	GMP	EU & SAfrica(step 6); ISDI(step 3)		6
13.4	Dietetic formulae for slimming purposes & weight reduction	GMP	EU & SAfrica(step 6); ISDI(step 3)		6
13.5	Detetic foods (e.g., supplementary foods for dietary use) excl. prods. of 13.1 – 13.4	GMP	EU & SAfrica(step 6); ISDI(step 3)		6
13.6	Food supplements	GMP	EU & SAfrica(step 6); ISDI & IASDA(step 3)		6

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<b>Food Cat. No.</b>	<b>Food/Food Category in Which Used</b>	<b>Max Level</b>	<b>Source</b>	<b>Notes</b>	<b>Step</b>
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP	Brazil		6
14.1.2.3	Concentrate (liquid or solid) for fruit juice	GMP	Canada		6
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	GMP	Brazil		6
14.1.3.2	Canned or bottled (pasteurized) vegetable nectar	GMP	EU		6
14.1.3.4	Concentrate (liquid or solid) for vegetable nectar	GMP	EU		6
<del>14.1.4</del>	<del>Water-based flavoured drinks, incl. “sport” or “electrolyte” drinks &amp; particulated drinks</del>	<del>50 mg/kg</del>	<del>ICGMA, GMA</del>		<del>6</del>
<b>14.1.4</b>	<b>Water-based flavoured drinks, incl. “sport” or “electrolyte” drinks &amp; particulated drinks</b>	<b>100 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
14.2.2	Cider & perry	GMP	EU		6
14.2.3.2	Sparkling & semi-sparkling wines	GMP	EU		6
14.2.3.3	Fortified wine, liquor wine, & sweet wine	GMP	Brazil		6
14.2.4	Wines (other than grape)	GMP	EU		6
14.2.6	Distilled spirituous beverages containing more than 15% alcohol	GMP	Brazil, Canada, EU		6
14.2.7	Aromatized alcoholic beverages (e.g., beer, wine & spirituous cooler-type beverages, low alcoholic refreshers)	100 mg/kg	EU		6
<del>15.1</del>	<del>Snacks – potato, cereal, flour or starch based (from roots &amp; tubers, pulses &amp; legumes)</del>	<del>GMP</del>	<del>EU, SAfrica</del>		<del>6</del>
<b>15.1</b>	<b>Snacks – potato, cereal, flour or starch based (from roots &amp; tubers, pulses &amp; legumes)</b>	<b>600 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
<del>15.2</del>	<del>Processed nuts, incl. covered nuts &amp; nut mixtures (with e.g., dried fruit)</del>	<del>GMP</del>	<del>EU, SAfrica</del>		<del>6</del>
<b>15.2</b>	<b>Processed nuts, incl. covered nuts &amp; nut mixtures (with e.g., dried fruit)</b>	<b>500 mg/kg</b>	<b>SAfrica</b>		<b>6</b>
<del>16.0</del>	<del>Composite foods – foods that could not be placed in 01 – 15</del>	<del>GMP</del>	<del>EU; Canada(16.0 e)</del>		<del>6</del>
<b>16.0</b>	<b>Composite foods – foods that could not be placed in 01 – 15</b>	<b>GMP</b>	<b>Canada</b>	<b>Note 2</b>	<b>6</b>

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**Sodium Aluminium Phosphates**

**INS:** 541i, 541ii

**Functional Effects:** Acidity Regulator, Emulsifier, Raising Agent, Stabilizer, Thickener

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
01.6.1	Unripened cheese	670 mg/kg	Codex	Note 6	3
01.6.4	Processed cheese	35000 mg/kg	Canada(1.6.4.1 & 1.6.4.2)	Note 29	6
01.7	Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)	2000 mg/kg	Canada	Note 6	6
02.4	Fat-based desserts excl. dairy-based prods. of 01.7	2000 mg/kg	Canada	Note 6	6
04.1.2.9	Fruit-based desserts, incl. fruit-flavoured water-based desserts	2000 mg/kg	Canada	Note 6	6
05.1.1	Cocoa mixes (powders) & cocoa mass/cake	2000 mg/kg	Canada	Notes 6 & 72	6
<del>05.2</del>	<del>Confectionery incl. hard &amp; soft candy, nougat, etc. other than 05.1, 05.3 &amp; 05.4</del>	<del>GMP</del>	<del>SAfrica</del>	<del>Note 6</del>	<del>6</del>
<b>05.2</b>	<b>Confectionery incl. hard &amp; soft candy, nougat, etc. other than 05.1, 05.3 &amp; 05.4</b>	<b>350 mg/kg</b>	<b>SAfrica</b>	<b>Note 29</b>	<b>6</b>
06.2	Flours & starches	45000 mg/kg	USA	Note 29	6
06.5	Cereal & starch based desserts (e.g., rice pudding, tapioca pudding)	2000 mg/kg	Canada	Note 6	6
06.6	Batters (e.g., for breading or batters for fish or poultry)	1600 mg/kg	Canada	Note 6	6
<del>07.1</del>	<del>Bread &amp; ordinary bakery wares</del>	<del>2000 mg/kg</del>	<del>Canada(7.0)</del>	<del>Note 6</del>	<del>6</del>
<b>07.1.1</b>	<b>Breads &amp; rolls</b>	<b>10000 mg/kg</b>	<b>ICGMA</b>	<b>Note 29</b>	<b>6</b>
<b>07.1.2</b>	<b>Crackers, excl. sweet crackers</b>	<b>2000 mg/kg</b>	<b>Canada(7.0)</b>	<b>Note 6</b>	<b>6</b>
<b>07.1.3</b>	<b>Other ordinary bakery prods. (e.g., bagels, pita, English muffins)</b>	<b>2000 mg/kg</b>	<b>Canada(7.0)</b>	<b>Note 6</b>	<b>6</b>
<b>07.1.4</b>	<b>Bread-type prods, incl. bread stuffing &amp; bread crumbs</b>	<b>2000 mg/kg</b>	<b>Canada(7.0)</b>	<b>Note 6</b>	<b>6</b>
<b>07.1.5</b>	<b>Steamed breads &amp; buns</b>	<b>2000 mg/kg</b>	<b>Canada(7.0)</b>	<b>Note 6</b>	<b>6</b>
<del>07.2.1</del>	<del>Cakes, cookies, &amp; pies (e.g., fruit-filled or custard types)</del>	<del>2000 mg/kg</del>	<del>Canada(7.0 &amp; 7.2.3 ffb -&gt; 7.2.1 &amp; 7.2.2 step 6); NFPA(7.2.1 step 3))</del>	<del>Note 6</del>	<del>6</del>
<b>07.2.1</b>	<b>Cakes, cookies, &amp; pies (e.g., fruit-filled or custard types)</b>	<b>10000 mg/kg</b>	<b>ICGMA(7.2)</b>	<b>Note 29</b>	<b>6</b>
<del>07.2.2</del>	<del>Other fine bakery prods. (e.g., doughnuts, sweet rolls, scones, &amp; muffins)</del>	<del>2000 mg/kg</del>	<del>Canada(7.0 &amp; 7.2.3 ffb -&gt; 7.2.1 &amp; 7.2.2 step 6); NFPA(7.2.1 step 3))</del>	<del>Note 6</del>	<del>6</del>
<b>07.2.2</b>	<b>Other fine bakery prods. (e.g., doughnuts, sweet rolls, scones, &amp; muffins)</b>	<b>10000 mg/kg</b>	<b>ICGMA(7.2)</b>	<b>Note 29</b>	<b>6</b>
07.2.3	Mixes for fine bakery wares (e.g., cakes, pancakes)	15300 mg/kg	ICGMA	Note 29	6
09.2.2	Frozen battered fish, fish fillets, & fish prods. incl. mollusks, crustaceans, & echinoderms	190 mg/kg	Codex	Notes 6 & 41	6
10.4	Egg-based desserts (e.g., custard)	2000 mg/kg	Canada	Note 6	6
12.5.1	Ready-to-eat soups & broths, incl. canned, bottled, & frozen	2000 mg/kg	Canada(12.5.2-ffb -> 12.5.1)	Note 6	6
12.6	Sauces & like prods.	2000 mg/kg	Canada(12.6.3-ffb -> 12.6.1, 12.6.2 & 12.6.4 -> 12.6)	Note 6	6
14.1.4	Water-based flavoured drinks, incl. “sport” or “electrolyte” drinks & particulated drinks	2000 mg/kg	Canada(14.1.4.3-ffb -> 14.1.4.1 & 14.1.4.2 -> 14.1.4)	Note 6	6
16.0	Composite foods – foods that could not be placed in 01 – 15	190 mg/kg	Uruguay	Note 6	6

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**Sorbitan Esters of Fatty Acids**

**INS:** 491 - 495

**Functional Effects:** Emulsifier, Stabilizer

<b>Food Cat. No.</b>	<b>Food/Food Category in Which Used</b>	<b>Max Level</b>	<b>Source</b>	<b>Notes</b>	<b>Step</b>
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks)	5000 mg/kg	FIL-IDF		6
01.3.2	Beverage whiteners	5000 mg/kg	EU, EFEMA		6
01.4.4	Cream analogues	5000 mg/kg	EU, EFEMA		6
01.5.2	Milk & cream powder analogues	4000 mg/kg	Canada		6
01.7	Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)	5000 mg/kg	EU, FIL-IDF		6
<del>02.0</del>	<del>Fats &amp; oils, &amp; fat emulsions (type water in oil)</del>	<del>30000 mg/kg</del>	<del>Brazil</del>		<del>6</del>
<b>02.1</b>	<b>Fats &amp; oils essentially free from water</b>	<b>10000 mg/kg</b>	<b>Brazil(2.0); Canada(2.1.3)</b>		<b>6</b>
<b>02.2</b>	<b>Fat emulsions mainly of type water-in-oil</b>	<b>20000 mg/kg</b>	<b>CzechRep</b>		<b>6</b>
<b>02.3</b>	<b>Fat emulsions other than 02.2, incl. mixed and/or flavoured prods. based on fat emulsions</b>	<b>10000 mg/kg</b>	<b>Brazil(2.0); EU &amp; ICGMA(2.3)</b>		<b>6</b>
<b>02.4</b>	<b>Fat-based desserts excl. dairy-based prods. of 01.7</b>	<b>10000 mg/kg</b>	<b>Brazil(2.0)</b>		<b>6</b>
03.0	Edible ices, incl. sherbet & sorbet	1200 mg/kg	Brazil		6
<del>04.1.1.2</del>	<del>Surface-treated fresh fruit</del>	<del>GMP</del>	<del>USA</del>	<del>Note 16</del>	<del>6</del>
04.1.2.5	Jams, jellies & marmelades	25 mg/kg	EU, EFEMA		6
04.1.2.8	Fruit preparations, incl. pulp, purees, fruit toppings & coconut milk	5000 mg/kg	EU		6
04.1.2.9	Fruit-based desserts, incl. fruit-flavoured water-based desserts	5000 mg/kg	EU		6
04.1.2.11	Fruit fillings for pastries	10000 mg/kg	Brazil		6
04.2.2.2	Dried vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	5000 mg/kg	Canada		6
04.2.2.6	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweed, & nut & seed pulps & preps. (e.g., vegetable desserts etc.) other than 04.2.2.5	5000 mg/kg	EU		6
05.0	Confectionery	20000 mg/kg	CzechRep(5.0); EACGI & IFCGA(5.3)		6
06.4.2	Dried pastas & noodles & like products	5000 mg/kg	Thailand	Note 11	6
06.4.3	Pre-cooked pastas & noodles & like products	5000 mg/kg	Thailand	Note 11	6
06.5	Cereal & starch based desserts (e.g., rice pudding, tapioca pudding)	5000 mg/kg	Brazil, EU		6
07.1.1	Breads & rolls	10000 mg/kg	SAfrica		6
07.1.2	Crackers, excl. sweet crackers	5000 mg/kg	Brazil(7.1)	Note 11	6
07.1.3	Other ordinary bakery prods. (e.g., bagels, pita, English muffins)	10000 mg/kg	Brazil	Note 11	6
07.1.4	Bread-type prods, incl. bread stuffing & bread crumbs	5000 mg/kg	Brazil(7.1)	Note 11	6
07.1.5	Steamed breads & buns	5000 mg/kg	Brazil(7.1)	Note 11	6
07.2	Fine bakery wares (sweet, salty, savoury)	10000 mg/kg	EU & ICGMA(7.2); EFEMA(7.2.1-7.2.3)		6
08.4	Edible casings (e.g., sausage casings)	3500 mg/kg	Canada		6

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
10.2	Egg prods.	500 mg/kg	Canada		6
10.4	Egg-based desserts (e.g., custard)	5000 mg/kg	EU		6
12.5	Soups & broths	250 mg/kg	Canada(12.5.2; 12.5.2-ffb -> 12.5.1)		6
12.6.1	Emulsified sauces (e.g., mayonnaise, salad dressing)	10000 mg/kg	Uruguay		6
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	4000 mg/kg	Uruguay		6
12.6.3	Mixes for sauces & gravies	5000 mg/kg	EU		6
12.8	Yeast & like prods.	15000 mg/kg	Canada	Note 104	6
13.3.1	Dietetic foods for special medical purposes intended for adults	5000 mg/kg	EU & FEMA(step 6); ISDI(step 3)		6
13.4	Dietetic formulae for slimming purposes & weight reduction	5000 mg/kg	EU & FEMA(step 6); ISDI(step 3)		6
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excl. prods. of 13.1 – 13.4	GMP	EU(step 6); ISDI(step 3)		6
13.6	Food supplements	GMP	EU(step 6); ISDI(step 3)		6
14.1.4	Water-based flavoured drinks, incl. “sport” or “electrolyte” drinks & particulated drinks	5000 mg/kg	Japan		6
14.1.5	Coffee, coffee substitutes, tea, herbal infusions & other hot cereal & grain beverages excl. cocoa	5000 mg/kg	Japan		6
14.2.3	Grape wines	GMP	EU(14.2.3 & 14.2.3.1)		6
15.1	Snacks – potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	GMP	USA, GMA, NFPA		3

**Sucralose**  
**INS: 955**  
**Functional Effects:** Sweetener

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
<b>01.1.1</b>	<b>Milk &amp; buttermilk</b>	<b>GMP</b>	<b>USA(1.0)</b>		<b>6</b>
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks)	300 mg/kg	ISA(step 3 & 6)		6
01.2.1	Fermented milks (plain)	400 mg/kg	ISA		3
<b>01.2.1.1</b>	<b>Fermented milks (plain), not heat-treated after fermentation</b>	<b>GMP</b>	<b>USA(1.0)</b>		<b>6</b>
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	250 mg/kg	ICGMA		6
<b>01.2.2</b>	<b>Renneted milk</b>	<b>GMP</b>	<b>USA(1.0)</b>		<b>6</b>
<b>01.3</b>	<b>Condensed milk &amp; analogues</b>	<b>GMP</b>	<b>USA(1.0 &amp; 1.3.2-step 6); ISA (1.3.2-step 3)</b>		<b>6</b>
<del>01.3.2</del>	<del>Beverage whiteners</del>	<del>GMP</del>	<del>ISA</del>		<del>3</del>
<del>01.4</del>	<del>Cream (plain) &amp; the like</del>	<del>GMP</del>	<del>ISA</del>		<del>3</del>
<b>01.4</b>	<b>Cream (plain) &amp; the like</b>	<b>GMP</b>	<b>USA(1.0-step 6); ISA(1.4-step 3)</b>		<b>6</b>
<b>01.5</b>	<b>Milk powder &amp; cream powder &amp; powder analogues</b>	<b>GMP</b>	<b>USA(1.0)</b>		<b>6</b>

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
<b>01.6</b>	<b>Cheese &amp; analogues</b>	<b>GMP</b>	<b>USA(1.0)</b>		<b>6</b>
01.7	Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)	400 mg/kg	Canada & ICGMA(step 6); ISA (step 3)		6
<b>01.8</b>	<b>Whey &amp; whey prods, excl. whey cheese</b>	<b>GMP</b>	<b>USA(1.0)</b>		<b>6</b>
<b>02.3</b>	<b>Fat emulsions other than 02.2, incl. mixed and/or flavoured prods. based on fat emulsions</b>	<b>800 mg/kg</b>	<b>ICGMA</b>		<b>6</b>
02.4	Fat-based desserts excl. dairy-based prods. of 01.7	400 mg/kg	ISA		3
02.4	Fat-based desserts excl. dairy-based prods. of 01.7	250 mg/kg	Canada, ISA		6
03.0	Edible ices, incl. sherbet & sorbet	400 mg/kg	ICGMA		6
04.1.2.1	Frozen fruit	400 mg/kg	ISA		3
04.1.2.1	Frozen fruit	150 mg/kg	Canada(4.1.2)		6
04.1.2.2	Dried fruit	1500 mg/kg	ISA		3
04.1.2.2	Dried fruit	150 mg/kg	Canada(4.1.2)		6
04.1.2.3	Fruit in vinegar, oil, or brine	180 mg/kg	ISA		3
04.1.2.3	Fruit in vinegar, oil, or brine	150 mg/kg	Canada(4.1.2)		6
04.1.2.4	Canned or bottled (pasteurized) fruit	450 mg/kg	ISA		6
04.1.2.5	Jams, jellies & marmelades	1000 mg/kg	ISA		3
04.1.2.5	Jams, jellies & marmelades	450 mg/kg	ICGMA, ISA		6
04.1.2.6	Fruit-based spreads (e.g., chutney) excl. prods. of 04.1.2.5	800 mg/kg	ISA		6
04.1.2.7	Candied fruit	800 mg/kg	ISA(step 3 & 6)		6
04.1.2.8	Fruit preparations, incl. pulp, purees, fruit toppings & coconut milk	450 mg/kg	ICGMA, ISA		6
04.1.2.9	Fruit-based desserts, incl. fruit-flavoured water-based desserts	1250 mg/kg	ICGMA		6
04.1.2.10	Fermented fruit prods.	150 mg/kg	Canada(4.1.2-step 6); ISA (4.1.2.10-step3)		6
04.1.2.11	Fruit fillings for pastries	400 mg/kg	ISA		3
04.1.2.11	Fruit fillings for pastries	250 mg/kg	Canada		6
04.1.2.12	Cooked or fried fruit	150 mg/kg	Canada(4.1.2)		6
04.2.2.1	Frozen vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	150 mg/kg	Canada(4.2.2-step 6); ISA(4.2.2.1-step 3)		6
04.2.2.2	Dried vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	150 mg/kg	Canada(4.2.2-step 6); ISA(4.2.2.2-step 3)		6
04.2.2.3	Vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera) & seaweeds in vinegar, oil, brine, or soy sauce	450 mg/kg	ISA		6
04.2.2.4	Canned or bottled (pasteurized) or retort pouch vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), & seaweeds	150 mg/kg	Canada(4.2.2-step 6); ISA(4.2.2.4-step 3)		6
04.2.2.5	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweed, & nuts & seed purees & spreads (e.g., peanut butter)	1500 mg/kg	ICGMA(step 6); ISA(step 3)		6
04.2.2.6	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl.	500 mg/kg	ISA(step 3 & 6)		6

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
	soybeans)], & aloe vera), seaweed, & nut & seed pulps & preps. (e.g., vegetable desserts etc.) other than 04.2.2.5				
04.2.2.7	Fermented vegetable (including mushrooms & fungi, roots & tubers, pulses & legumes [(including soybeans)], & aloe vera), & seaweed products	150 mg/kg	Canada(4.2.2-step 6); ISA(4.2.2.7-step 3)		6
04.2.2.8	Cooked or fried vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera) & seaweeds	150 mg/kg	Canada(4.2.2)		6
05.1.1	Cocoa mixes (powders) & cocoa mass/cake	1500 mg/kg	ICGMA		6
05.1.2	Cocoa mixes (syrops)	1000 mg/kg	ISA(5.0)		6
05.1.3	Cocoa-based spreads, incl. fillings	1500 mg/kg	ICGMA		6
05.1.4	Cocoa & chocolate prods.	1500 mg/kg	ICGMA		6
05.1.5	Imitation chocolate, chocolate substitute prods.	1500 mg/kg	ICGMA		6
05.2	Confectionery incl. hard & soft candy, nougat, etc. other than 05.1, 05.3 & 05.4	2400 mg/kg	ISA		3
05.2	Confectionery incl. hard & soft candy, nougat, etc. other than 05.1, 05.3 & 05.4	1500 mg/kg	Canada, ICGMA		6
05.3	Chewing gum	5000 mg/kg	EACGI(step 6); NFPA(step 3)		6
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) & sweet sauces	1000 mg/kg	ISA(5.0-step 6; 5.4-step 3)		6
06.3	Breakfast cereals, incl. rolled oats	1000 mg/kg	Canada & ICGMA(step 6); ISA (step 3)		6
06.5	Cereal & starch based desserts (e.g., rice pudding, tapioca pudding)	1250 mg/kg	ICGMA		6
06.6	Batters (e.g., for breading or batters for fish or poultry)	600 mg/kg	ISA(6.0)		6
06.7	Rice cakes (Oriental type only)	600 mg/kg	ISA(6.0)		6
07.1	Bread & ordinary bakery wares	750 mg/kg	ICGMA		6
07.2.1	Cakes, cookies & pies (e.g., fruit-filled or custard types)	750 mg/kg	ICGMA(7.2)		6
07.2.2	Other fine bakery prods. (e.g., doughnuts, sweet rolls, scones, & muffins)	800 mg/kg	ISA		6
07.2.3	Mixes for fine bakery wares (e.g., cakes, pancakes)	750 mg/kg	ICGMA(7.2)		6
09.3	Semi-preserved fish & fish prods., incl. mollusks, crustaceans & echinoderms	120 mg/kg	ISA		3
09.3.1	Fish & fish prods., incl. mollusks, crustaceans, & echinoderms, marinated and/or in jelly	450 mg/kg	ISA		6
09.3.2	Fish & fish prods., incl. mollusks, crustaceans, & echinoderms, pickled and/or in brine	450 mg/kg	ISA		6
09.4	Fully preserved, incl. canned or fermented fish & fish prods., incl. mollusks, crustaceans, & echinoderms	120 mg/kg	ISA		3
10.4	Egg-based desserts (e.g., custard)	400 mg/kg	ISA		3
10.4	Egg-based desserts (e.g., custard)	250 mg/kg	ICGMA, ISA		6
11.3	Sugar solutions & syrups, also (partially) inverted, incl. treacle & molasses, excl. prods. of 11.1.3	1500 mg/kg	Canada		6
11.4	Other sugars & syrups (e.g., xylose, maple syrup, sugar toppings)	1500 mg/kg	Canada(step 6); ISA(step 3)		6
11.6	Table-top sweeteners, incl. those containing high-intensity sweeteners	GMP	Canada, USA & ICGMA(step 6); ISA (step 3)		6
12.2	Herbs, spices, seasonings (incl. salt substitutes) & condiments (e.g., seasoning for instant noodles)	700 mg/kg	Canada		6

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
12.4	Mustards	400 mg/kg	ICGMA		6
12.5	Soups & broths	1250 mg/kg	ICGMA		6
12.6.1	Emulsified sauces (e.g., mayonnaise, salad dressing)	1250 mg/kg	ICGMA		6
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	1250 mg/kg	ICGMA		6
12.6.3	Mixes for sauces & gravies	450 mg/kg	ISA(12.6-step 3 & 6)		6
12.6.4	Clear sauces (e.g., soy sauce, fish sauce)	450 mg/kg	ISA(12.6-step 3 & 6)		6
12.7	Salads (e.g., macaroni salad, potato salad) & sandwich spreads excl. cocoa- & nut-based spreads of 04.2.2.5 & 05.1.3	1250 mg/kg	ICGMA		6
13.3	Dietetic foods intended for special medical purposes, incl. those for infants & young children	400 mg/kg	ISA(step 3 & 6); ISDI(step 3)		6
13.4	Dietetic formulae for slimming purposes & weight reduction	1250 mg/kg	ICGMA(step 6); ISDI(step 3)		6
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excl. prods. of 13.1 – 13.4	800 mg/kg	ISA(step 3 & 6); ISDI(step 3)		6
13.6	Food supplements	2400 mg/kg	ISA, ISDI		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	300 mg/kg	ISA		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	250 mg/kg	ICGMA		6
14.1.2.2	Canned or bottled (pasteurized) vegetable juice	300 mg/kg	ISA		3
14.1.2.2	Canned or bottled (pasteurized) vegetable juice	250 mg/kg	ICGMA		6
14.1.2.3	Concentrate (liquid or solid) for fruit juice	1500 mg/kg	ISA		3
14.1.2.3	Concentrate (liquid or solid) for fruit juice	1250 mg/kg	ICGMA		6
14.1.3.4	Concentrate (liquid or solid) for vegetable juice	1500 mg/kg	ISA		3
14.1.3.4	Concentrate (liquid or solid) for vegetable juice	1250 mg/kg	ICGMA		6
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	300 mg/kg	ISA		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	250 mg/kg	IFU, ICGMA		6
14.1.3.2	Canned or bottled (pasteurized) vegetable nectar	300 mg/kg	ISA		3
14.1.3.3	Concentrate (liquid or solid) for fruit nectar	1500 mg/kg	ISA		3
14.1.3.3	Concentrate (liquid or solid) for fruit nectar	1250 mg/kg	ICGMA		6
14.1.3.4	Concentrate (liquid or solid) for vegetable nectar	1500 mg/kg	ISA		3
14.1.3.4	Concentrate (liquid or solid) for vegetable nectar	1250 mg/kg	ICGMA		6
14.1.4.1	Carbonated drinks	600 mg/kg	ICGMA		6
14.1.4.2	Non-carbonated drinks, incl. punches & ades	600 mg/kg	ICGMA		6
14.1.4.3	Concentrates (liquid or solid) for drinks	1500 mg/kg	ISA		3
14.1.4.3	Concentrates (liquid or solid) for drinks	1250 mg/kg	ICGMA		6
14.1.5	Coffee, coffee substitutes, tea, herbal infusions & other hot cereal & grain beverages excl. cocoa	300 mg/kg	ISA		3
14.1.5	Coffee, coffee substitutes, tea, herbal infusions & other hot cereal & grain beverages excl. cocoa	250 mg/kg	ICGMA		6



**Appendix II**  
**Source Data and Recommendations of Quality Control Working Group for Additives Scheduled for Discussion by the 35<sup>th</sup> CCFAC**  
~~Strikeout~~ = recommended deletion; **Bold** = recommended change or addition

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
14.2	Alcoholic beverages, incl. alcohol-free & low-alcoholic counterparts	700 mg/kg	Canada(14.2-step 6); ICGMA (14.2.3.3 & 14.2.7-step 6); ISA (14.2.5-step 3; 14.2.6-step 3 & 6)		6
15.0	Ready-to-eat savouries	1000 mg/kg	ICGMA(15.0 & 15.1)		6

**Sucroglycerides**

**INS:** 474

**Functional Effects:** Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks)	5000 mg/kg	EU, EFEMA, FIL-IDF		6
01.3.2	Beverage whiteners	20000 mg/kg	EU, EFEMA		6
01.5.1	Milk powder & cream powder (plain)	10000 mg/kg	EU		6
01.7	Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)	5000 mg/kg	EU, EFEMA, FIL-IDF		6
02.2	Fat emulsions mainly of type water-in-oil	10000 mg/kg	EU(2.2, 2.2.1.2 & 2.2.2-step 6); Codex (2.2.1.2-step 6); Indonesia (2.2.1.2-step 3)		6
02.3	Fat emulsions other than 02.2, incl. mixed and/or flavoured prods. based on fat emulsions	10000 mg/kg	EU, EFEMA		6
02.4	Fat-based desserts excl. dairy-based prods. of 01.7	10000 mg/kg	SAfrica		6
03.0	Edible ices, incl. sherbet & sorbet	10000 mg/kg	Indonesia		3
03.0	Edible ices, incl. sherbet & sorbet	5000 mg/kg	EU, EFEMA		6
04.1.1.2	Surface-treated fresh fruit	GMP	EU, EFEMA		6
04.1.2.9	Fruit-based desserts, incl. fruit-flavoured water-based desserts	5000 mg/kg	EU, EFEMA		6
04.2.2.6	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweed, & nut & seed pulps & preps. (e.g., vegetable desserts etc.) other than 04.2.2.5	5000 mg/kg	EU		6
05.1.1	Cocoa mixes (powders) & cocoa mass/cake	10000 mg/kg	EU, EFEMA		6
05.2	Confectionery incl. hard & soft candy, nougat, etc. other than 05.1, 05.3 & 05.4	5000 mg/kg	EU, EFEMA		6
05.3	Chewing gum	15000 mg/kg	IFCGA		6
06.5	Cereal & starch based desserts (e.g., rice pudding, tapioca pudding)	5000 mg/kg	EU		6
07.2	Fine bakery wares (sweet, salty, savoury)	10000 mg/kg	EU, EFEMA		6
08.2.2	Heat-treated processed meat, poultry, & game in whole pieces or cuts	5000 mg/kg	EU, EFEMA	Note 15	6
08.3.2	Heat-treated processed comminuted meat, poultry, & game	5000 mg/kg	EU, EFEMA	Note 15	6
10.4	Egg-based desserts (e.g., custard)	5000 mg/kg	EU, EFEMA		6
12.5	Soups & broths	2000 mg/kg	EU, EFEMA		6

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
12.6	Sauces & like prods.	10000 mg/kg	EU(12.6 & 12.6.1-12.6.3); EFEMA (12.6)		6
13.3.1	Dietetic foods for special medical purposes intended for adults	5000 mg/kg	EU & EFEMA(step 6); ISDI(step 3)		6
13.4	Dietetic formulae for slimming purposes & weight reduction	5000 mg/kg	EU & EFEMA(step 6); ISDI(step 3)		6
13.6	Food supplements	GMP	EU & EFEMA(step 6); ISDI(step 3)		6
14.1.4	Water-based flavoured drinks, incl. “sport” or “electrolyte” drinks & particulated drinks	5000 mg/kg	EFEMA(14.1.4, 14.1.4.1 & 14.1.4.2); EU(14.1.4.2)		6
14.1.5	Coffee, coffee substitutes, tea, herbal infusions & other hot cereal & grain beverages excl. cocoa	1000 mg/kg	EU, Thailand, EFEMA, ICGMA		6
14.2.2	Cider & perry	5000 mg/kg	EU, EFEMA		6
14.2.4	Wines (other than grape)	5000 mg/kg	EU, EFEMA		6
14.2.5	Mead	5000 mg/kg	EU, EFEMA		6
14.2.6	Distilled spirituous beverages containing more than 15% alcohol	5000 mg/kg	EU, EFEMA		6
14.2.7	Aromatized alcoholic beverages (e.g., beer, wine & spirituous cooler-type beverages, low alcoholic refreshers)	5000 mg/kg	EU		6

**Sulphites**

**INS:** 220 – 225, 227, 228 & 539

**Functional Effects:** Acidity Regulator, Adjuvant, Antioxidant, Bleaching Agent (not for flour), Flour Treatment Agent, Firming Agent, Preservative, Sequestrant, Stabilizer

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
01.6.4.1	Plain processed cheese	300 mg/kg	Australia	Note 44	6
01.7	Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)	100 mg/kg	Sinapore	Note 44	6
<b>02.3</b>	<b>Fat emulsions other than 02.2, incl. mixed and/or flavoured prods. based on fat emulsions</b>	<b>50 mg/kg</b>	<b>ICGMA</b>	<b>Note 44</b>	<b>6</b>
03.0	Edible ices, incl. sherbet & sorbet	100 mg/kg	Canada	Note 44	6
<del>04.1.1.2</del>	<del>Surface-treated fresh fruit</del>	<del>30 mg/kg</del>	<del>Thailand</del>	<del>Note 44</del>	<del>6</del>
<b>04.1.1.2</b>	<b>Surface-treated fresh fruit</b>	<b>1000 mg/kg</b>	<b>ICGMA</b>	<b>Note 44</b>	<b>6</b>
04.1.2.1	Frozen fruit	500 mg/kg	Canada	Note 44	6
04.1.2.2	Dried fruit	3000 mg/kg	Australia(step 6); NFPA(step 3)	Note 44	6
04.1.2.3	Fruit in vinegar, oil, or brine	350 mg/kg	Singapore	Note 44	6
04.1.2.4	Canned or bottled (pasteurized) fruit	350 mg/kg	Singapore	Note 44	6
04.1.2.5	Jams, jellies & marmelades	3000 mg/kg	Australia	Note 44	6
04.1.2.6	Fruit-based spreads (e.g., chutney) excl. prods. of 04.1.2.5	500 mg/kg	Canada	Note 44	6
04.1.2.7	Candied fruit	350 mg/kg	Singapore(step 6); NFPA(step 3)	Note 44	6
04.1.2.8	Fruit preparations, incl. pulp, purees, fruit toppings & coconut milk	3000 mg/kg	Singapore	Note 44	6

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<b>Food Cat. No.</b>	<b>Food/Food Category in Which Used</b>	<b>Max Level</b>	<b>Source</b>	<b>Notes</b>	<b>Step</b>
04.1.2.9	Fruit-based desserts, incl. fruit-flavoured water-based desserts	750 mg/kg	Australia, Singapore	Note 44	6
04.1.2.10	Fermented fruit prods.	350 mg/kg	Singapore	Note 44	6
04.1.2.11	Fruit fillings for pastries	350 mg/kg	Singapore	Note 44	6
04.2.1.3	Peeled, cut or shredded vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	500 mg/kg	Canada	Notes 44& 76	6
04.2.2.1	Frozen vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	750 mg/kg	Australia(4.2.2)	Note 44	6
04.2.2.2	Dried vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweeds, & nuts & seeds	2500 mg/kg	Canada & Singapore [Japan is the “exception” in Note 105]	Notes 44 & 105	6
04.2.2.3	Vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera) & seaweeds in vinegar, oil, brine, or soy sauce	750 mg/kg	Australia(4.2.2 & 4.2.2.3)	Note 44	6
04.2.2.4	Canned or bottled (pasteurized) or retort pouch vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), & seaweeds	750 mg/kg	Australia(4.2.2)	Note 44	6
<del>04.2.2.5</del>	<del>Vegetable (incl. mushrooms &amp; fungi, roots &amp; tubers, pulses &amp; legumes [(incl. soybeans)], &amp; aloe vera), seaweed, &amp; nuts &amp; seed purees &amp; spreads (e.g., peanut butter)</del>	<del>2000 mg/kg</del>	EU	<del>Note 44</del>	<del>6</del>
<b>04.2.2.5</b>	<b>Vegetable (incl. mushrooms &amp; fungi, roots &amp; tubers, pulses &amp; legumes [(incl. soybeans)], &amp; aloe vera), seaweed, &amp; nuts &amp; seed purees &amp; spreads (e.g., peanut butter)</b>	<b>750 mg/kg</b>	<b>Australia(4.2.2)</b>	<b>Note 44</b>	<b>6</b>
04.2.2.6	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweed, & nut & seed pulps & preps. (e.g., vegetable desserts etc.) other than 04.2.2.5	800 mg/kg	EU	Note 44	6
04.2.2.7	Fermented vegetable (including mushrooms & fungi, roots & tubers, pulses & legumes [(including soybeans)], & aloe vera), & seaweed products	1000 mg/kg	Canada	Note 44	6
04.2.2.8	Cooked or fried vegetables (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera) & seaweeds	750 mg/kg	Australia(4.2.2)	Note 44	6
<b>05.1</b>	<b>Cocoa prods. &amp; chocolate prods. incl. imitations &amp; chocolate substitutes</b>	<b>100 mg/kg</b>	<b>Thailand(5.0); EU(5.1.2)</b>	<b>Note 44</b>	<b>6</b>
<del>05.1.1</del>	<del>Cocoa mixes (powders) &amp; cocoa mass/cake</del>	<del>2000 mg/kg</del>	EU	<del>Note 44</del>	<del>6</del>
<del>05.1.2</del>	<del>Cocoa mixes (syrops)</del>	<del>150 mg/kg</del>	<del>Thailand(5.0)</del>	<del>Note 44</del>	<del>6</del>
<del>05.1.3</del>	<del>Cocoa-based spreads, incl. fillings</del>	<del>2000 mg/kg</del>	EU	<del>Note 44</del>	<del>6</del>
<del>05.1.4</del>	<del>Cocoa &amp; chocolate prods.</del>	<del>150 mg/kg</del>	<del>Thailand(5.0)</del>	<del>Note 44</del>	<del>6</del>
<del>05.1.5</del>	<del>Imitation chocolate, chocolate substitute prods.</del>	<del>2000 mg/kg</del>	EU	<del>Note 44</del>	<del>6</del>
<del>05.2</del>	<del>Confectionery incl. hard &amp; soft candy, nougat, etc. other than 05.1, 05.3 &amp; 05.4</del>	<del>2000 mg/kg</del>	EU	<del>Note 44</del>	<del>6</del>
<b>05.2</b>	<b>Confectionery incl. hard &amp; soft candy, nougat, etc. other than 05.1, 05.3 &amp; 05.4</b>	<b>100 mg/kg</b>	<b>Thailand(5.0)</b>	<b>Note 44</b>	<b>6</b>
<del>05.3</del>	<del>Chewing gum</del>	<del>2000 mg/kg</del>	EU	<del>Note 44</del>	<del>6</del>
<b>05.3</b>	<b>Chewing gum</b>	<b>150 mg/kg</b>	<b>Thailand</b>	<b>Note 44</b>	<b>6</b>

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
<del>05.4</del>	<del>Decorations (e.g., for fine bakery wares), toppings (non-fruit) &amp; sweet sauces</del>	<del>150 mg/kg</del>	<del>Thailand(5.0)</del>	<del>Note 44</del>	<del>6</del>
<b>05.4</b>	<b>Decorations (e.g., for fine bakery wares), toppings (non-fruit) &amp; sweet sauces</b>	<b>100 mg/kg</b>	<b>Thailand(5.0)</b>	<b>Note 44</b>	<b>6</b>
06.1	Whole, broken, or flaked grain, incl. rice	400 mg/kg	Uruguay	Note 44	6
06.2	Flours & starches	900 mg/kg	Japan	Note 44	6
06.4.3	Pre-cooked pastas & noodles & like prods.	20 mg/kg	Thailand	Note 44	6
07.1.1	Breads & rolls	100 mg/kg	SAfrica	Note 29	6
07.1.3	Other ordinary bakery prods. (e.g., bagels, pita, English muffins)	50 mg/kg	EU	Note 44	6
07.1.4	Bread-type prods, incl. bread stuffing & bread crumbs	500 mg/kg	Canada	Note 44	6
07.2	Fine bakery wares (sweet, salty, savoury)	300 mg/kg	Australia, ICGMA	Note 44	6
08.1.2	Fresh meat, poultry, & game, comminuted	450 mg/kg	EU	Note 44	6
08.3	Processed comminuted meat, poultry, & game prods.	500 mg/kg	Australia	Note 44	6
08.4	Edible casings (e.g., sausage casings)	500 mg/kg	Australia	Note 44	6
<del>09.1.2</del>	<del>Fresh mollusks, crustaceans, &amp; echinoderms</del>	<del>200 mg/kg</del>	<del>EU</del>	<del>Note 44</del>	<del>6</del>
<b>09.1.2</b>	<b>Fresh mollusks, crustaceans, &amp; echinoderms</b>	<b>150 mg/kg</b>	<b>EU</b>	<b>Note 44</b>	<b>6</b>
09.2.1	Frozen fish, fish fillets, & fish prds., incl. mollusks, crustaceans, & echinoderms	300 mg/kg	EU	Note 44	6
09.2.4.2	Cooked mollusks, crustaceans, & echinoderms	50 mg/kg	EU	Note 44	6
<del>09.2.5</del>	<del>Smoked, dried, fermented, and/or salted fish &amp; fish prods., incl. mollusks, crustaceans, &amp; echinoderms</del>	<del>450 mg/kg</del>	<del>EU</del>	<del>Note 44</del>	<del>6</del>
<b>09.2.5</b>	<b>Smoked, dried, fermented, and/or salted fish &amp; fish prods., incl. mollusks, crustaceans, &amp; echinoderms</b>	<b>200 mg/kg</b>	<b>EU</b>	<b>Note 44</b>	<b>6</b>
09.4	Fully preserved, incl. canned or fermented fish & fish prods., incl. mollusks, crustaceans, & echinoderms	300 mg/kg	Canada	Note 44	6
11.1.1	White sugar, dextrose anhydrous, dextrose monohydrate, fructose	20 mg/kg	Canada & ESA(11.1.1); EU(11.1)	Note 44	6
11.1.2	Powdered sugar, powdered dextrose	15 mg/kg	Codex(11.1.2-step 6); EU(11.1-step 6) ; CEFS(11.1.2-step 3)	Note 44	6
11.1.3	Soft white sugar, soft brown sugar, glucose syrup, dried glucose syrup, raw cane sugar	400 mg/kg	Singapore(11.1.3-step 6); Codex & CEFS(11.1.3.2-step 3); ESA(11.1.3.2-step 6); NFPA(11.1.3-step 3)	Note 44	6
11.1.4	Lactose	20 mg/kg	EU(11.1)	Note 44	6
11.1.5	Plantation or mill white sugar	70 mg/kg	Codex(step 6); CEFS(step 3)	Note 44	6
11.2	Brown sugar excl. prods. of food category 11.1.3	40 mg/kg	CEFS	Note 44	3
11.3	Sugar solutions & syrups, also (partially) inverted, incl. treacle & molasses, excl. prods. of 11.1.3	500 mg/kg	Canada	Note 44	6
11.4	Other sugars & syrups (e.g., xylose, maple syrup, sugar toppings)	40 mg/kg	Canada, EU	Note 44	6
12.1	Salt	1000 mg/kg	USA	Note 44	6
<del>12.2</del>	<del>Herbs, spices, seasonings (incl. salt substitutes) &amp; condiments (e.g., seasoning for instant noodles)</del>	<del>500 mg/kg</del>	<del>EU</del>	<del>Note 44</del>	<del>6</del>

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Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
<b>12.2</b>	<b>Herbs, spices, seasonings (incl. salt substitutes) &amp; condiments (e.g., seasoning for instant noodles)</b>	<b>200 mg/kg</b>	<b>EU</b>	<b>Note 44</b>	<b>6</b>
12.3	Vinegars	200 mg/kg	Singapore	Note 44	6
12.4	Mustards	250 mg/kg	EU & CIMCEE [EU, Japan & CIMCEE are the “exception” in Note 106]	Notes 44 & 106	6
12.5	Soups & broths	1000 mg/kg	Canada	Note 44	6
12.6	Sauces & like prods.	300 mg/kg	Singapore	Note 44	6
12.9	Protein prods.	500 mg/kg	Japan	Note 44	6
14.1.2.1	Canned or bottled (pasteurized) fruit juice	600 mg/kg	Australia	Note 44	6
14.1.2.2	Canned or bottled (pasteurized) vegetable juice	500 mg/kg	Canada	Note 44	6
14.1.2.3	Concentrate (liquid or solid) for fruit juice	500 mg/kg	Codex [EU is the “exception” in Note 107]	Notes 44 & 107	6
14.1.2.4	Concentrate (liquid or solid) for vegetable juice	70 mg/kg	ISDC(14.1.2)	Note 44	6
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	50 mg/kg	IFU(14.1.3)	Note 44	6
14.1.3.2	Canned or bottled (pasteurized) vegetable nectar	50 mg/kg	IFU(14.1.3)	Note 44	6
14.1.3.3	Concentrate (liquid or solid) for fruit nectar	70 mg/kg	Thailand	Note 44	6
14.1.3.4	Concentrate (liquid or solid) for fruit nectar	70 mg/kg	Thailand	Note 44	6
14.1.4.1	Carbonated drinks	115 mg/kg	Australia	Note 44	6
14.1.4.2	Non-carbonated drinks, incl. punches & ades	250 mg/kg	EU	Note 44	6
14.1.4.3	Concentrates (liquid or solid) for drinks	350 mg/kg	Singapore	Note 44	6
14.2.1	Beer & malt beverages	350 mg/kg	Japan	Note 44	6
14.2.2	Cider & perry	350 mg/kg	Japan, USA	Note 44	6
14.2.3	Grape wines	350 mg/kg	Japan & USA [OIV(14.2.3-step 6) & EU(14.2.3.1-step 3) is the “exception” in Note 103]	Notes 44 & 103	6
14.2.4	Wines (other than grape)	350 mg/kg	Japan, USA	Note 44	6
14.2.5	Mead	350 mg/kg	USA	Note 44	6
14.2.6	Distilled spirituous beverages containing more than 15% alcohol	350 mg/kg	Japan	Note 44	6
14.2.7	Aromatized alcoholic beverages (e.g., beer, wine & spirituous cooler-type beverages, low alcoholic refreshers)	150 mg/kg	Canada	Note 44	6
<del>15.1</del>	<del>Snacks – potato, cereal, flour or starch based (from roots &amp; tubers, pulses &amp; legumes)</del>	<del>200 mg/kg</del>	<del>EU</del>	<del>Note 44</del>	<del>6</del>
<b>15.1</b>	<b>Snacks – potato, cereal, flour or starch based (from roots &amp; tubers, pulses &amp; legumes)</b>	<b>50 mg/kg</b>	<b>EU</b>	<b>Note 44</b>	<b>6</b>
15.2	Processed nuts, incl. covered nuts & nut mixtures (with e.g., dried fruit)	500 mg/kg	EU	Note 44	6
16.0	<del>Composite foods – foods that could not be placed in 01 – 15</del>	500 mg/kg	Canada	Note 44	6

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**Tannic Acid (Tannins, Food Grade)**

**INS:** 181

**Functional Effects:** Colour

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
01.7	Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)	400 mg/kg	USA		6
<del>02.1.3</del>	<del>Lard, tallow, fish oil, &amp; other animal fats</del>	<del>GMP</del>	<del>USA</del>		<del>6</del>
02.4	Fat-based desserts excl. dairy-based prods. of 01.7	50 mg/kg	USA	Note 7	6
04.1.2.9	Fruit-based desserts, incl. fruit-flavoured water-based desserts	50 mg/kg	USA		6
04.1.2.11	Fruit fillings for pastries	50 mg/kg	USA		6
05.1.3	Cocoa-based spreads, incl. fillings	50 mg/kg	USA		6
05.2	Confectionery incl. hard & soft candy, nougat, etc. other than 05.1, 05.3 & 05.4	400 mg/kg	USA		6
05.3	Chewing gum	GMP	Canada		6
07.0	Bakery wares	100 mg/kg	USA(7.0 & 7.2.3)		6
08.2	Processed meat, poultry, & game prods. in whole pieces or cuts	10 mg/kg	USA		6
08.3	Processed comminuted meat, poultry, & game prods.	10 mg/kg	USA		6
14.1.4	Water-based flavoured drinks, incl. “sport” or “electrolyte” drinks & particulated drinks	50 mg/kg	USA		6
14.2.1	Beer & malt beverages	150 mg/kg	USA(14.2 & 14.2.1)		6
14.2.2	Cider & perry	200 mg/kg	Canada		6
14.2.3	Grape wines	3000 mg/kg	USA		6
14.2.4	Wines (other than grape)	150 mg/kg	USA(14.2)		6
14.2.5	Mead	150 mg/kg	USA(14.2)		6
14.2.6	Distilled spirituous beverages containing more than 15% alcohol	150 mg/kg	USA(14.2)		6
14.2.7	Aromatized alcoholic beverages (e.g., beer, wine & spirituous cooler-type beverages, low alcoholic refreshers)	150 mg/kg	USA(14.2)		6

**TBHQ**

**INS:** 319

**Functional Effects:** Antioxidant

Food Cat. No.	Food/Food Category in Which Used	Max Level	Source	Notes	Step
<del>01.3.3</del>	<del>Sweetened condensed milk (plain &amp; flavoured), &amp; analogues</del>	<del>200 mg/kg</del>	<del>Thailand</del>	<del>Note 88</del>	<del>6</del>
<b>01.3.3</b>	<b>Sweetened condensed milk (plain &amp; flavoured), &amp; analogues</b>	<b>100 mg/kg</b>	<b>Thailand</b>	<b>Note 88</b>	<b>6</b>
01.7	Dairy-based desserts (e.g., ice milk, pudding, fruit or flavoured yoghurt)	200 mg/kg	Uruguay		6
02.0	Fats & oils, & fat emulsions (type water-in-oil)	200 mg/kg	USA(2.0 & 2.2.1.2); Korea(2.1 & 2.2.1.1); Singapore(2.1 & 2.2.1.2); Australia(2.1, 2.1.2, 2.1.3, 2.2.1.2 & 2.2.2); ICGMA(2.3)	Note 15	6
03.0	Edible ices, incl. sherbet & sorbet	200 mg/kg	Brazil	Note 15	6
04.1.2.2	Dried fruit	200 mg/kg	Uruguay		6

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<b>Food Cat. No.</b>	<b>Food/Food Category in Which Used</b>	<b>Max Level</b>	<b>Source</b>	<b>Notes</b>	<b>Step</b>
04.2.2.5	Vegetable (incl. mushrooms & fungi, roots & tubers, pulses & legumes [(incl. soybeans)], & aloe vera), seaweed, & nuts & seed purees & spreads (e.g., peanut butter)	200 mg/kg	USA	Note 15	6
05.1	Cocoa prods. & chocolate prods. incl. imitations & chocolate substitutes	200 mg/kg	USA(5.0, 5.1.4 & 5.1.5-step 6); GMA & ICGMA (5.0-step 6); CAOBISCO(5.1.4-step 6); NFPA(5.1-step 3)	Note 15	6
05.2	Confectionery incl. hard & soft candy, nougat, etc. other than 05.1, 05.3 & 05.4	200 mg/kg	USA(5.0 & 5.2-step 6); GMA & ICGMA(5.0-step 6); NFPA(5.2-step 3)	Note 15	6
05.3	Chewing gum	750 mg/kg	Korea		6
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) & sweet sauces	200 mg/kg	USA(5.0 & 5.4); GMA & ICGMA(5.0)	Note 15	6
06.4.3	Pre-cooked pastas & noodles & like prods.	200 mg/kg	Thailand		3
07.1.1	Breads & rolls	200 mg/kg	Brazil		6
07.1.2	Crackers, excl. sweet crackers	200 mg/kg	Brazil		6
07.1.3	Other ordinary bakery rods. (e.g., bagels, pita, English muffins)	200 mg/kg	Brazil		6
07.1.4	Bread-type prods., incl. bread stuffing & bread crumbs	200 mg/kg	Brazil		6
08.1	Fresh meat, poultry, & game	100 mg/kg	USA(8.1.1 & 8.1.2)	Note 15	6
08.2	Processed meat, poultry, & game prods. in whole pieces or cuts	100 mg/kg	USA(8.2 & 8.2.1.2)	Note 15	6
08.3	Processed comminuted meat, poultry, & game prods.	100 mg/kg	USA(8.3 & 8.3.2)	Note 15	6
09.2.1	Frozen fish, fish fillets, & fish prods, incl. mollusks, crustaceans, & echinoderms	1000 mg/kg	Korea; USA(9.2.1-nff)		6
09.2.5	Smoked, dried, fermented, and/or salted fish & fish prods., incl. mollusks, crustaceans, & echinoderms	200 mg/kg	Korea		6
12.2	Herbs, spices, seasonings (incl. salt substitutes), & condiments (e.g., seasoning for instant noodles)	200 mg/kg	Brazil, USA	Note 15	6
12.4	Mustards	200 mg/kg	Brazil, Uruguay		6
12.5	Soups & broths	200 mg/kg	Brazil, Uruguay, USA	Note 15	6
12.6	Sauces & like prods.	200 mg/kg	Brazil, Uruguay, USA	Note 15	6
14.1.4	Water-based flavoured drinks, incl. "sport" or "electrolyte" drinks & particulated drinks	1000 mg/kg	ILSI(14.1.4.1, 14.1.4.2 & 14.1.4.3-ffb -> 14.1.4.1 & 1.4.1.4.2 -> 14.1.4)	Note 15	6
15.0	Ready-to-eat savouries	200 mg/kg	USA(15.0-step 6); Uruguay(15.1-step 6); NFPA & GMA(15.1-step 3)	Note 15	6



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**Notes to the Recommendations of the Quality Control Interim Working Group – Groups IV & V**

- Note 1:** As adipic acid
- Note 2:** On dry ingredient, dry weight, dry mix or concentrate basis.
- Note 3:** Surface treatment.
- Note 4:** For decoration, stamping, marking or branding the product.
- Note 5:** Used in raw materials for manufacture of the finished food.
- Note 6:** As aluminium.
- Note 7:** Use level not in finished food.
- Note 8:** As bixin.
- Note 9:** As total bixin or norbixin.
- Note 10:** As ascorbyl stearate.
- Note 11:** Flour basis.
- Note 12:** Carryover from flavouring substances.
- Note 13:** As benzoic acid.
- Note 14:** Served at greater than 5-fold dilution.
- Note 15:** Fat or oil basis.
- Note 16:** For use in glaze, coatings or decorations for fruit, vegetables, meat or fish.
- Note 17:** As cyclamic acid.
- Note 18:** Added level; residue not detected in ready-to-eat food.
- Note 19:** Used in cocoa fat; use level on ready-to-eat basis.
- Note 20:** On total amount of stabilizers, thickeners and/or gums.
- Note 21:** As anhydrous calcium disodium EDTA.
- Note 22:** For use in smoked fish products only.
- Note 23:** As iron.
- Note 24:** As anhydrous sodium ferrocyanide.
- Note 25:** As formic acid.
- Note 26:** For use in baking powder only.
- Note 27:** As p-hydroxybenzoic acid.
- Note 28:** ADI conversion: if a typical preparation contains 0.025 µg/U, then the ADI of 33,000 U/kg bw becomes:  $[(33000 \text{ U/kg bw}) \times (0.025 \text{ µg/U}) \times (1 \text{ mg/1000 µg})]$   
=0.825 mg/kg bw
- Note 29:** Reporting basis not specified.
- Note 30:** As residual NO<sub>3</sub> ion.
- Note 31:** Of the mash used.
- Note 32:** As residual NO<sub>2</sub> ion.
- Note 33:** As phosphorus.
- Note 34:** Anhydrous basis.
- Note 35:** Except for use in special formula at 20,000 mg/kg.
- Note 36:** Residual level.
- Note 37:** As weight of nonfat milk solids.

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- Note 38:** Level in creaming mixture.
- Note 39:** Only when product contains butter or other fats and oils.
- Note 40:** Except for use in special formula at 200 mg/kg.
- Note 41:** Use in breadings or batter coatings only.
- Note 42:** As sorbic acid.
- Note 43:** As tin.
- Note 44:** As residual SO<sub>2</sub>.
- Note 45:** As tartaric acid.
- Note 46:** As thiodipropionic acid.
- Note 47:** On egg yolk weight, dry basis.
- Note 48:** For olives only.
- Note 49:** For use on citrus fruits only.
- Note 50:** For use in fish roe only.
- Note 51:** For use in herbs and salt substitutes only.
- Note 52:** For use in butter only.
- Note 53:** For use in coatings only.
- Note 54:** For use in dried products only.
- Note 55:** Added level.
- Note 56:** Provided starch is not present.
- Note 57:** GMP is 1 part benzoyl peroxide and not more than 6 parts of the subject additive by weight.
- Note 58:** As calcium.
- Note 59:** Use as packing gas.
- Note 60:** If used as a carbonating agent, the CO<sub>2</sub> in the finished wine shall not exceed 39.2 mg/kg.
- Note 61:** For use in minced fish only.
- Note 62:** As copper.
- Note 63:** On amount of dairy ingredients.
- Note 64:** Level added to dry beans; 200 mg/kg in ready-to-eat food, anhydrous basis.
- Note 65:** Carryover from nutrient preparations.
- Note 66:** As formaldehyde. For use in provolone cheese only.
- Note 67:** Carryover from use in casings.
- Note 68:** For use in natural mineral waters only.
- Note 69:** Use as carbonating agent.
- Note 70:** As the acid.
- Note 71:** Calcium, potassium and sodium salts only.
- Note 72:** Ready-to-eat basis.
- Note 73:** Except whole fish.
- Note 74:** Use level for deep orange coloured cheeses; 25 mg/kg for orange coloured cheeses; 10 mg/kg for normal coloured cheeses.
- Note 75:** Use in milk powder for vending machines only.
- Note 76:** Use in potatoes only.
- Note 77:** As mono-isopropyl citrate.
- Note 78:** For use in tocino (fresh, cured sausage).

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- Note 79:** For use on nuts only.
- Note 80:** Equivalent to 2 mg/dm<sup>2</sup> surface application to a maximum depth of 5 mm.
- Note 81:** Equivalent to 1 mg/dm<sup>2</sup> surface application to a maximum depth of 5 mm.
- Note 82:** For use in shrimp; 6000 mg/kg for Crangon crangon and Crangon vulgaris.
- Note 83:** For use in sauce only.
- Note 84:** For use in special formula at 10,000 mg/kg.
- Note 85:** Excluding use in surimi and fish roe products at 500 mg/kg.
- Note 86:** Use in whipped dessert toppings other than cream only.
- Note 87:** Treatment level.
- Note 88:** Carryover from the ingredient.
- Note 89:** Except for use in dried tangle (KONBU) at 150 mg/kg.
- Note 90:** For use in milk-sucrose mixtures used in the finished product.
- Note 91:** For use in special formula only.
- Note 92:** On the weight of the protein before re-hydration.
- Note 93:** Except natural wine produced from Vitis Vinifera grapes.
- Note 94:** For use in loganiza (fresh, uncured sausage) only.
- Note 95:** For use in surimi and fish roe products only.
- Note 96:** Carryover from use in fats.
- Note 97:** In cocoa and chocolate products.
- Note 98:** For dust control.
- Note 99:** For use in fish fillets and minced fish only.
- Note 100:** For use as a dispersing agent in dill oil used in the final food.
- Note 101:** Level based on the maximum recommended daily dose of 475 mg/dose, assuming one 600 mg tablet is consumed per day.
- Note 102:** For use as a surfactant or wetting agent for colours in the food.
- Note 103:** Except for use in special white wines at 400 mg/kg.
- Note 104:** Maximum 5000 mg/kg residue in bread and yeast-leavened bakery products.
- Note 105:** Except for use in dried gourd strips (KAMPYO) at 5000 mg/kg.
- Note 106:** Except for use in Dijon mustard at 500 mg/kg.
- Note 107:** Except for use in concentrated grape juice for home wine making at 2000 mg/kg.
- Note 108:** For use on coffee beans only.
- Note 109:** Use level reported as 25 lbs/gal x (0.45 kg/lb) x (1 gal/3.75 L) x (1 L/kg) x (10<sup>6</sup> mg/kg) = 3000 mg/kg
- Note 110:** For use in frozen French fried potatoes only.
- Note 111:** For use in dipping solution only.
- Note 112:** For use in grated cheese only.
- Note 113:** Excluding butter.
- Note 114:** Excluding cocoa powder.
- Note 115:** Except for use in special formula at 12,000 mg/kg.
- Note 116:** For use in doughs only.
- Note 117:** Except for use in loganiza (fresh, uncured sausage) at 1000 mg/kg.
- Note 118:** Except for use in tocino (fresh, cured sausage) at 1000 mg/kg.
- Note 119:** As carrier for flavours.

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**Note 120:** Except for use in caviar at 2500 mg/kg.

**Note 121:** For use on surfaces coming into contact with bakery wares (e.g., baking pans) only.

**Note 122:** Except for use in ACHAR at 500 mg/kg.

**Note 123:** For use as a release agent for baking pans in a mixture with vegetable oil.

**Note 124:** For releasing dough in dividing or in baking only.

**Note 125:** Class III (medium and low viscosity) mineral oil only.

**Note 126:** For use in lubricating divider blades in the manufacture of bakery wares only.